TABLES FOR BLENDING

MILK AND CREAM

OR DIFFERENT PER CENTS OF CREAM

AN AID TO CREAMERY AND ICE CREAM FACTORY
OPERATORS, MILK DEALERS AND CONDENSERS.

BY

MARGUERITE J. McNALLY

SF240
M2

COPYRIGHT 1915 BY MARGUERITE J. McNALLY.

31
\$2.50

APR -1 1915

©CLA399165

1401

DIRECTIONS FOR USE OF TABLES.

The following pages contain complete tables for making an 80 lb. blend of any per cent from 8% to 30% inclusive. This is done by mixing cream testing 15% to 46% with skim-milk, or with any per cent of milk or cream from skim up to 30%.

There are two rows of tests; i. e., one is the per cents of the heavier cream to be used, and the other, the per cents of the milk and the lighter cream. The former is found in the horizontal row of tests and the latter in the vertical row. Find the test of the heavier cream, the number of pounds of this cream required to be mixed with skim-milk, milk, and other per cents of cream are then given in this vertical column.

Example:—How many pounds each of 20% cream and 4% milk are required for 80 lbs. of an 8% blend? In the 8% table, find the 4% in the vertical row and the 20% in the horizontal row of tests. The figure (20.00) where the horizontal and vertical columns meet is the number of pounds of the 20% cream required. Then 60 lbs., the remainder of the 80 lbs., is the amount of 4% milk needed.

In any case the number of pounds given in the table is the weight of the heavier cream used.

As 8 lbs. is the average weight of a gallon of cream, 80 lbs. is approximately 10 gallon. This weight has been taken as a basis for these tables because 10 gallon is the quantity generally desired and also the amount from which any desired quantity can be most easily figured.

The method for determining the number of pounds needed for any number of gallons is as follows:

In the table the number of pounds required for ten gallon is given. For any number of gallons, other than ten, move the decimal point one place to the left, which gives the amount for one gallon, then multiply this result by the number of gallons desired.

The table can be applied for using three or more different per cents of cream or milk. If one did not have enough of any two kinds to make the desired per cent, a number of small amounts of different per cents can be used.

Example:—80 lbs. of 25% cream is desired. 40 lbs. of 30%; 15 lbs. of 24%; and 30 lbs. of 18% are on hand. Applying the tables, we find that 13.33 lbs. of 24%, with 26.66 lbs. of 18% make 40 lbs. of 20%. This with the 40 lbs. of 30%, makes the required 80 lbs. of 25%.

TO MAKE 80 LBS. OF AN 8 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	15%	16%	17%	18%	19%	20%	21%	22%
Skim	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09
.03	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05
.035	31.30	28.80	26.66	24.82	23.22	21.81	20.57	19.45
.04	29.09	26.66	24.61	22.85	21.33	20.00	18.82	17.77
.045	26.66	24.34	22.40	20.74	19.31	18.06	16.96	16.00
.05	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11
.06	17.77	16.00	14.54	13.33	12.30	11.42	10.66	10.00
.07	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	27.82	26.66	25.60	24.61	23.70	22.85	22.06	21.33	20.64	20.00	19.39
.03	20.00	19.04	18.18	17.40	16.66	16.00	15.38	14.81	14.28	13.78	13.33
.035	18.46	17.56	16.75	16.00	15.31	14.70	14.11	13.58	13.10	12.63	12.20
.04	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30	11.85	11.42	11.03
.045	15.13	14.35	13.65	13.02	12.44	11.91	11.42	10.98	10.56	10.18	9.82
.05	13.33	12.63	12.00	11.42	10.90	10.43	10.00	9.60	9.23	8.88	8.57
.06	9.41	8.88	8.42	8.00	7.61	7.27	6.95	6.66	6.40	6.15	5.92
.07	5.00	4.70	4.44	4.21	4.00	3.80	3.63	3.47	3.33	3.20	3.07

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	18.82	18.28	17.77	17.29	16.84	16.41	16.00	15.61	15.23	14.88	14.54	14.22
.03	12.90	12.49	12.12	11.76	11.42	11.11	10.80	10.52	10.25	10.00	9.75	9.52
.035	11.80	11.42	11.07	10.71	10.43	10.14	9.86	9.60	9.34	9.11	8.88	8.67
.04	10.66	10.32	10.00	9.70	9.41	9.14	8.88	8.64	8.42	8.20	8.00	7.80
.045	9.49	9.18	8.88	8.61	8.35	8.11	7.88	7.64	7.46	7.27	7.08	6.91
.05	8.27	8.00	7.74	7.50	7.27	7.05	6.85	6.66	6.48	6.31	6.15	6.00
.06	5.71	5.51	5.33	5.16	5.00	4.84	4.70	4.57	4.44	4.32	4.21	4.10
.07	2.96	2.85	2.75	2.66	2.58	2.50	2.42	2.35	2.28	2.22	2.16	2.10

TO MAKE 80 LBS. OF A 9 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	15%	16%	17%	18%	19%	20%	21%	22%				
Skim	48.00	45.00	42.34	40.00	37.89	36.00	34.28	32.73				
.03	40.00	36.92	34.28	32.00	30.00	28.23	26.66	25.26				
.035	38.26	35.20	32.59	30.34	28.38	26.66	25.14	23.78				
.04	35.45	33.33	30.76	28.57	26.66	25.00	23.52	22.22				
.045	34.28	31.30	28.80	26.66	24.82	23.22	21.81	20.57				
.05	32.00	29.09	26.66	24.61	22.85	21.33	20.00	18.82				
.06	26.66	24.00	21.81	20.00	18.46	17.14	16.00	15.00				
.07	20.00	17.77	16.00	14.54	13.33	12.30	11.42	10.66				
.08	11.43	10.00	8.88	8.00	7.27	6.66	6.15	5.71				
TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%	
Skim	31.30	30.00	28.80	27.68	26.66	25.71	24.82	24.00	23.22	22.50	21.81	
.03	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77	17.14	16.55	16.00	
.035	22.56	21.46	20.46	19.55	18.71	17.95	17.25	16.60	16.00	15.43	14.91	
.04	21.05	20.00	19.04	18.18	17.40	16.66	16.00	15.38	14.81	14.28	13.78	
.045	19.45	18.46	17.56	16.75	16.00	15.31	14.70	14.11	13.58	13.10	12.63	
.05	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30	11.85	11.42	
.06	14.11	13.33	12.63	12.00	11.42	10.90	10.43	10.00	9.60	9.23	8.88	
.07	10.00	9.41	8.88	8.42	8.00	7.61	7.27	6.95	6.66	6.40	6.15	
.08	5.33	5.00	4.70	4.44	4.21	4.00	3.80	3.63	3.47	3.33	3.20	
TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	21.17	20.56	20.00	19.46	18.94	18.46	18.00	17.56	17.14	16.74	16.36	16.00
.03	15.48	15.00	14.54	14.11	13.71	13.33	12.98	12.63	12.30	12.00	11.70	11.43
.035	14.42	13.96	13.53	13.13	12.75	12.39	12.05	11.73	11.42	11.16	10.86	10.60
.04	13.33	12.90	12.49	12.12	11.73	11.42	11.11	10.80	10.52	10.25	10.00	9.75
.045	12.20	11.80	11.42	11.07	10.71	10.43	10.14	9.86	9.60	9.34	9.11	8.88
.05	11.03	10.66	10.32	10.00	9.70	9.41	9.14	8.88	8.64	8.42	8.20	8.00
.06	8.57	8.27	8.00	7.74	7.50	7.27	7.05	6.85	6.66	6.48	6.31	6.15
.07	5.92	5.71	5.51	5.33	5.16	5.00	4.84	4.70	4.57	4.44	4.32	4.21
.08	3.07	2.96	2.85	2.75	2.66	2.58	2.50	2.42	2.35	2.28	2.22	2.16

TO MAKE 80 LBS. OF A 10 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	15%	16%	17%	18%	19%	20%	21%	22%
Skim	53.33	50.00	47.05	44.44	42.10	40.00	38.09	36.36
.03	46.66	43.07	40.00	37.33	35.00	32.94	31.11	29.47
.035	45.21	41.60	38.51	35.86	33.51	31.51	29.71	28.10
.04	43.63	40.00	36.92	34.28	32.00	30.00	28.23	26.66
.045	41.90	38.26	35.20	32.59	30.34	28.38	26.66	25.14
.05	40.00	36.36	33.33	30.76	28.57	26.66	25.00	23.52
.06	35.55	32.00	29.09	26.66	24.61	22.85	21.33	20.00
.07	30.00	26.66	24.00	21.81	20.00	18.46	17.14	16.00
.08	22.85	20.00	17.77	16.00	14.54	13.33	12.30	11.42
.09	13.33	11.42	10.00	8.88	8.00	7.27	6.66	6.15

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	34.78	33.33	32.00	30.76	29.62	28.57	27.58	26.66	25.80	25.00	24.24
.03	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74	20.00	19.30	18.66
.035	26.66	25.36	24.18	23.11	22.12	21.22	20.39	19.62	18.90	18.24	17.62
.04	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77	17.14	16.55
.045	23.78	22.56	21.46	20.46	19.55	18.71	17.95	17.25	16.60	16.00	15.43
.05	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00	15.38	14.82	14.28
.06	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30	11.85
.07	15.00	14.11	13.33	12.63	12.00	11.42	10.90	10.43	10.00	9.60	9.23
.08	10.66	10.00	9.41	8.88	8.42	8.00	7.61	7.27	6.95	6.66	6.40
.09	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.80	3.63	3.47	3.33

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	23.52	22.85	22.22	21.62	21.05	20.51	20.00	19.51	19.04	18.60	18.18	17.77
.03	18.06	17.50	16.96	16.46	16.00	15.55	15.13	14.73	14.35	14.00	13.65	13.33
.035	17.04	16.50	16.00	15.52	15.07	14.64	14.24	13.86	13.50	13.16	12.83	12.53
.04	16.00	15.48	15.00	14.54	14.11	13.71	13.33	12.98	12.63	12.30	12.00	11.70
.045	14.91	14.42	13.96	13.53	13.13	12.75	12.39	12.05	11.73	11.42	11.16	10.86
.05	13.79	13.33	12.90	12.50	12.12	11.76	11.28	11.11	10.81	10.52	10.25	10.00
.06	11.42	11.03	10.66	10.32	10.00	9.69	9.41	9.14	8.88	8.64	8.42	8.20
.07	8.88	8.57	8.27	8.00	7.74	7.50	7.27	7.05	6.85	6.66	6.48	6.31
.08	6.15	5.92	5.71	5.51	5.33	5.16	5.00	4.84	4.70	4.57	4.44	4.32
.09	3.20	3.07	2.96	2.85	2.75	2.66	2.58	2.50	2.42	2.35	2.28	2.22

TO MAKE 80 LBS. OF AN 11 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	15%	16%	17%	18%	19%	20%	21%	22%
Skim	58.66	55.00	51.75	48.88	46.31	44.00	41.89	40.00
.03	53.33	49.23	45.71	42.66	40.00	37.64	35.55	33.68
.035	52.16	48.00	44.44	41.37	38.70	36.36	34.28	32.43
.04	50.91	46.66	43.07	40.00	37.33	35.00	32.94	31.11
.045	49.52	45.21	41.60	38.51	35.86	33.54	31.51	29.71
.05	48.00	43.63	40.00	36.92	34.28	32.00	30.00	28.23
.06	44.44	40.00	36.36	33.33	30.76	28.57	26.66	25.00
.07	40.00	35.55	32.00	29.09	26.66	24.61	22.85	21.33
.08	34.28	30.00	26.66	24.00	21.81	20.00	18.46	17.14
.09	26.66	22.85	20.00	17.77	16.00	14.54	13.33	12.30
.10	16.00	13.33	11.42	10.00	8.88	8.00	7.27	6.66

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	38.25	36.66	35.20	34.83	32.58	31.42	30.34	29.33	28.38	27.50	26.66
.03	32.00	30.47	29.09	27.82	26.66	25.60	24.61	23.70	22.85	22.06	21.33
.035	30.76	29.26	27.90	26.65	25.53	24.48	23.52	22.64	21.81	21.05	20.33
.04	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74	20.00	19.30
.045	28.10	26.66	25.36	24.18	23.11	22.12	21.22	20.39	19.62	18.90	18.24
.05	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77	17.14
.06	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00	15.38	14.82
.07	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30
.08	16.00	15.00	14.11	13.33	12.63	12.00	11.42	10.90	10.43	10.00	9.60
.09	11.42	10.66	10.00	9.41	8.88	8.42	8.00	7.61	7.27	6.95	6.66
.10	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.80	3.63	3.47

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	25.88	25.13	24.44	23.78	23.15	22.56	22.00	21.46	20.94	20.46	20.00	19.54
.03	20.64	20.00	19.39	18.82	18.28	17.77	17.29	16.84	16.41	16.00	15.61	15.24
.035	19.67	19.04	18.46	17.91	17.39	16.90	16.43	16.00	15.58	15.18	14.81	14.45
.04	18.66	18.06	17.50	16.96	16.46	16.00	15.55	15.13	14.73	14.35	14.00	13.65
.045	17.62	17.04	16.50	16.00	15.52	15.07	14.64	14.24	13.86	13.50	13.16	12.83
.05	16.55	16.00	15.48	15.00	14.54	14.11	13.71	13.33	12.98	12.63	12.30	12.00
.06	14.28	13.79	13.33	12.90	12.50	12.12	11.76	11.28	11.11	10.81	10.52	10.25
.07	11.85	11.42	11.03	10.66	10.32	10.00	9.69	9.41	9.14	8.88	8.64	8.42
.08	9.23	8.88	8.57	8.27	8.00	7.74	7.50	7.27	7.05	6.85	6.66	6.48
.09	6.40	6.15	5.92	5.71	5.51	5.33	5.16	5.00	4.84	4.70	4.57	4.44
.10	3.33	3.20	3.07	2.96	2.85	2.75	2.66	2.58	2.50	2.42	2.35	2.28

TO MAKE 80 LBS. OF A 12 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	15%	16%	17%	18%	19%	20%	21%	22%
Skim	64.00	60.00	56.47	53.33	50.52	48.00	45.71	43.63
.03	60.00	55.38	51.42	48.00	45.00	42.35	40.00	37.89
.035	59.13	54.40	50.37	46.89	43.87	41.21	38.85	36.75
.04	58.18	53.33	49.23	45.71	42.66	40.00	37.64	35.55
.045	57.14	52.16	48.00	44.44	41.37	38.70	36.36	34.28
.05	56.00	50.90	46.66	43.07	40.00	37.33	35.00	32.94
.06	53.33	48.00	43.63	40.00	36.92	34.28	32.00	30.00
.07	50.00	44.44	40.00	36.36	33.33	30.76	28.57	26.66
.08	45.71	40.00	35.55	32.00	29.09	26.66	24.61	22.85
.09	40.00	34.28	30.00	26.66	24.00	21.81	20.00	18.46
.10	32.00	26.66	22.85	20.00	17.77	16.00	14.54	13.33
.11	20.00	16.00	13.33	11.41	10.00	8.88	8.00	7.27

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	41.73	40.00	38.40	36.92	35.55	34.28	33.10	32.00	30.96	30.00	29.09
.03	36.00	34.28	32.72	31.30	30.00	28.80	27.69	26.66	25.71	24.82	24.00
.035	34.87	33.17	31.62	30.22	28.93	27.75	26.66	25.66	24.72	23.85	23.05
.04	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.61	23.70	22.85	22.06
.045	32.43	30.76	29.26	27.90	26.66	25.53	24.48	23.52	22.64	21.81	21.05
.05	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74	20.00
.06	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77
.07	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00	15.38
.08	21.33	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80
.09	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.42	10.90	10.43	10.00
.10	12.30	11.42	10.65	10.00	9.41	8.88	8.42	8.00	7.61	7.27	6.95
.11	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.80	3.63

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	28.23	27.42	26.66	25.94	25.26	24.61	24.00	23.41	22.85	22.32	21.61	21.33
.03	23.22	22.50	21.81	21.47	20.57	20.00	19.45	18.94	18.46	18.00	17.56	17.14
.035	22.29	21.58	20.92	20.29	19.71	19.15	18.63	18.13	17.66	17.16	16.79	16.38
.04	21.33	20.64	20.00	19.39	18.82	18.28	17.77	17.29	16.84	16.41	16.00	15.61
.045	20.33	19.67	19.04	18.46	17.91	17.39	16.90	16.43	16.00	15.58	15.18	14.81
.05	19.31	18.66	18.06	17.50	16.96	16.47	16.00	15.55	15.13	14.73	14.35	14.00
.06	17.14	16.55	16.00	15.48	15.00	14.54	14.11	13.71	13.33	12.97	12.63	12.30
.07	14.81	14.28	13.79	13.33	12.90	12.50	12.12	11.76	11.42	11.11	10.81	10.52
.08	12.30	11.85	11.42	11.03	10.66	10.32	10.00	9.69	9.41	9.14	8.88	8.64
.09	9.60	9.23	8.88	8.57	8.27	8.00	7.74	7.50	7.27	7.05	6.85	6.66
.10	6.66	6.40	6.15	5.92	5.71	5.51	5.33	5.16	5.00	4.84	4.70	4.57
.11	3.47	3.33	3.20	3.07	2.96	2.85	2.75	2.66	2.58	2.50	2.42	2.35

TO MAKE 80 LBS. OF A 13 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	15%	16%	17%	18%	19%	20%	21%	22%
Skim	69.33	65.00	61.17	57.77	54.73	52.00	49.52	47.26
.03	63.66	61.53	57.14	53.33	50.00	47.05	44.44	42.10
.035	66.08	60.80	56.29	52.41	49.03	46.06	43.42	41.08
.04	65.45	60.00	55.38	51.42	48.00	45.00	42.35	40.00
.045	64.76	59.13	54.40	50.37	46.89	43.87	41.21	38.85
.05	64.00	58.18	53.33	49.23	45.71	42.66	40.00	37.64
.06	62.22	56.00	50.90	46.66	43.07	40.00	37.33	35.00
.07	60.00	53.33	48.00	43.63	40.00	36.92	34.28	32.00
.08	57.14	50.00	44.44	40.00	36.36	33.33	30.76	28.57
.09	53.33	45.71	40.00	35.55	32.00	29.09	26.66	24.61
.10	48.00	40.00	34.28	30.00	26.66	24.00	21.81	20.00
.11	40.00	32.00	26.66	22.85	20.00	17.77	16.00	14.54
.12	36.66	20.00	16.00	13.33	11.41	10.00	8.88	8.00

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	45.20	43.33	41.60	39.99	38.51	37.13	35.85	34.66	33.54	32.50	31.51
.03	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.62	28.57	27.58	26.66
.035	38.97	37.73	35.34	33.77	32.34	31.02	29.80	28.67	27.67	26.66	25.76
.04	37.89	36.00	34.28	32.72	31.30	30.00	28.80	27.69	26.66	25.71	24.82
.045	36.75	34.87	33.17	31.62	30.22	28.93	27.75	26.66	25.66	24.72	23.85
.05	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.61	23.70	22.85
.06	32.94	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74
.07	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46
.08	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00
.09	22.85	21.32	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33
.10	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.42	10.90	10.43
.11	13.33	12.30	11.42	10.65	10.00	9.41	8.88	8.42	8.00	7.61	7.27
.12	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.80

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	30.58	29.70	28.88	28.10	27.36	26.66	26.00	25.36	24.75	24.18	23.42	23.10
.03	25.80	25.00	24.24	23.52	22.85	22.22	21.60	21.05	20.51	20.00	19.51	19.04
.035	24.91	24.12	23.38	22.68	22.02	21.40	20.82	20.26	19.74	19.24	18.76	18.31
.04	24.00	23.22	22.50	21.81	21.47	20.57	20.00	19.45	18.94	18.46	18.00	17.56
.045	23.05	22.29	21.58	20.92	20.29	19.71	19.15	18.63	18.13	17.66	17.16	16.79
.05	22.06	21.33	20.64	20.00	19.39	18.82	18.28	17.77	17.29	16.84	16.41	16.00
.06	20.00	19.31	18.66	18.06	17.50	16.96	16.47	16.00	15.55	15.13	14.73	14.35
.07	17.77	17.14	16.55	16.00	15.48	15.00	14.54	14.11	13.51	13.33	12.97	12.63
.08	15.38	14.81	14.28	13.79	13.33	12.90	12.50	12.12	11.76	11.42	11.11	10.81
.09	12.80	12.30	11.85	11.42	11.03	10.66	10.32	10.00	9.69	9.41	9.14	8.88
.10	10.00	9.60	9.23	8.88	8.57	8.27	8.00	7.74	7.50	7.27	7.05	6.85
.11	6.95	6.66	6.40	6.15	5.92	5.71	5.51	5.33	5.16	5.00	4.84	4.70
.12	3.63	3.47	3.33	3.20	3.07	2.96	2.85	2.75	2.66	2.58	2.50	2.42

TO MAKE 80 LBS. OF A 14 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	15%	16%	17%	18%	19%	20%	21%	22%
Skim	74.66	70.00	65.88	62.22	58.94	56.00	53.33	50.00
.03	73.33	67.68	62.85	58.66	55.00	51.76	48.88	46.31
.035	73.04	67.20	62.22	57.93	54.12	50.90	48.00	45.40
.04	72.72	66.66	61.53	57.14	53.33	50.00	47.05	44.44
.045	72.38	66.08	60.80	56.29	52.41	49.03	46.06	43.42
.05	72.00	65.45	60.00	55.38	51.42	48.00	45.00	42.35
.06	71.11	64.00	58.18	53.33	49.23	45.71	42.66	40.00
.07	70.00	62.22	56.00	50.90	46.66	43.07	40.00	37.33
.08	68.57	60.00	53.33	48.00	43.63	40.00	36.92	34.28
.09	66.66	55.55	50.00	44.44	40.00	36.36	33.33	30.76
.10	64.00	53.33	45.71	40.00	35.55	32.00	29.09	26.66
.11	60.00	48.00	40.00	34.28	30.00	26.66	24.00	21.81
.12	53.33	40.00	32.00	26.66	22.85	20.00	17.77	16.00
.13	40.00	36.66	20.00	16.00	13.33	11.42	10.00	8.88

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	48.69	46.66	44.80	43.07	41.48	40.00	38.62	37.33	36.12	35.00	33.93
.03	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59	31.42	30.34	29.33
.035	43.07	40.97	39.06	37.33	35.74	34.28	32.94	31.69	30.54	29.47	28.47
.04	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.62	28.57	27.58
.045	41.08	38.97	37.73	35.34	33.77	32.34	31.02	29.80	28.67	27.67	26.66
.05	40.00	37.89	36.00	34.28	32.72	31.30	30.00	28.88	27.69	26.66	25.71
.06	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.60	23.70
.07	35.00	32.94	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53
.08	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20
.09	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66
.10	24.61	22.85	21.33	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91
.11	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.45	10.90
.12	14.54	13.33	12.30	11.42	10.66	10.00	9.41	8.88	8.42	8.00	7.61
.13	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	32.94	32.00	31.11	30.27	29.47	28.72	28.00	27.31	26.66	26.04	25.45	24.88
.03	38.38	27.50	26.66	25.88	25.14	24.44	23.78	23.15	22.56	22.00	21.46	20.95
.035	27.54	26.66	25.84	25.07	24.34	23.66	23.01	22.40	21.81	21.26	20.74	20.24
.04	26.66	25.80	25.00	24.24	23.52	22.85	22.22	21.60	21.05	20.51	20.00	19.51
.045	25.76	24.91	24.12	23.38	22.68	22.02	21.40	20.82	20.26	19.74	19.24	18.76
.05	24.82	24.00	23.22	22.50	21.81	21.17	20.57	20.00	19.45	18.94	18.46	18.00
.06	22.85	22.06	21.33	20.64	20.00	19.39	18.82	18.28	17.77	17.29	16.84	16.41
.07	20.74	20.00	19.31	18.66	18.06	17.50	16.96	16.47	16.00	15.55	15.13	14.73
.08	18.46	17.77	17.14	16.55	16.00	15.48	15.00	14.54	14.11	13.71	13.33	12.97
.09	16.00	15.38	14.81	14.28	13.78	13.33	12.90	12.50	12.12	11.76	11.42	11.11
.10	13.33	12.80	12.30	11.85	11.42	11.03	10.66	10.32	10.00	9.69	9.41	9.14
.11	10.43	10.00	9.60	9.23	8.88	8.57	8.27	8.00	7.74	7.50	7.27	7.05
.12	7.27	6.95	6.66	6.40	6.15	5.92	5.71	5.51	5.33	5.16	5.00	4.84
.13	3.80	3.63	3.47	3.33	3.20	3.07	2.96	2.85	2.75	2.66	2.58	2.50

TO MAKE 80 LBS. OF A 15 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	16%	17%	18%	19%	20%	21%	22%
Skim	75.00	70.58	66.66	63.15	60.00	57.14	54.54
.03	73.84	68.57	64.00	60.00	56.47	53.33	50.52
.035	73.60	68.11	63.45	59.35	55.75	52.57	49.72
.04	73.33	67.68	62.85	58.66	55.00	51.76	48.88
.045	73.04	67.20	62.22	57.93	54.12	50.90	48.00
.05	72.72	66.66	61.55	57.14	53.33	50.00	47.05
.06	72.00	65.45	60.00	55.38	51.42	48.00	45.00
.07	71.11	64.00	58.18	53.33	49.23	45.71	42.66
.08	70.00	62.22	56.00	50.90	46.56	43.07	40.00
.09	68.57	60.00	53.33	48.00	43.63	40.00	36.92
.10	66.66	55.55	50.00	44.44	40.00	36.36	33.33
.11	64.00	53.33	45.71	40.00	35.55	32.00	29.09
.12	60.00	48.00	40.00	34.28	30.00	26.66	24.00
.13	53.33	40.00	32.00	26.66	22.85	20.00	17.77
.14	40.00	36.66	20.00	16.00	13.33	11.42	10.00

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	52.17	50.00	48.00	46.15	44.44	42.85	41.37	40.00	38.70	37.50	36.36
.03	48.00	47.71	43.60	41.71	40.00	38.40	36.92	35.55	34.28	33.10	32.00
.035	47.17	44.87	42.79	40.88	39.14	37.55	36.07	34.71	33.45	32.28	31.18
.04	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59	31.42	30.34
.045	45.40	43.07	40.97	39.06	37.33	35.74	34.28	32.94	31.69	30.54	29.47
.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.62	28.57
.06	42.35	40.00	37.89	36.05	34.28	32.72	31.30	30.00	27.69	26.66	25.71
.07	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.61
.08	37.33	35.00	32.82	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40
.09	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00
.10	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39
.11	26.66	24.61	22.85	21.33	20.00	18.82	17.77	16.84	16.00	15.23	14.54
.12	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.45
.13	16.00	14.54	13.33	12.30	11.42	10.66	9.41	8.88	8.42	8.00	7.61
.14	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	35.29	34.28	33.33	32.43	31.57	30.76	30.00	29.26	28.57	27.90	27.27	26.66
.03	30.96	30.00	29.09	28.23	27.42	26.66	25.94	25.26	24.61	24.00	23.41	22.85
.035	30.16	29.20	28.30	27.46	26.66	25.91	25.20	24.53	23.89	23.29	22.71	22.16
.04	29.33	28.38	27.50	26.66	25.88	25.14	24.44	23.78	23.15	22.56	22.00	21.46
.045	28.47	27.54	26.66	25.84	25.07	24.34	23.66	23.01	22.40	21.81	21.26	20.74
.05	27.58	26.66	25.80	25.00	24.24	23.52	22.85	22.22	21.62	21.05	20.51	20.00
.06	24.82	24.00	23.22	22.50	21.81	21.17	20.57	20.00	19.45	18.68	18.94	18.46
.07	23.70	22.85	22.05	21.33	20.64	20.00	19.39	18.82	18.28	17.77	17.29	16.84
.08	21.53	20.74	20.02	19.31	18.66	18.06	17.50	16.96	16.47	16.00	15.55	15.13
.09	19.20	18.46	17.77	17.14	16.55	16.00	15.48	15.00	14.54	14.11	13.71	13.33
.10	16.66	16.00	15.38	14.81	14.28	13.79	13.33	12.90	12.50	12.12	11.76	11.42
.11	13.91	13.33	12.80	12.30	11.85	11.42	11.03	10.66	10.32	10.00	9.69	9.41
.12	10.90	10.43	10.00	9.60	9.23	8.88	8.57	8.27	8.00	7.74	7.50	7.27
.13	7.27	6.95	6.66	6.40	6.15	5.92	5.71	5.51	5.33	5.16	5.00	4.84
.14	4.00	3.80	3.63	3.47	3.33	3.20	3.07	2.96	2.85	2.75	2.66	2.58

TO MAKE 80 LBS. OF A 16 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	17%	18%	19%	20%	21%	22%
Skim	75.28	71.10	67.36	64.00	60.94	58.17
.03	74.28	69.33	65.00	61.17	57.77	54.73
.035	74.07	68.96	64.51	60.60	57.14	54.04
.04	73.84	68.57	64.00	60.00	56.47	53.33
.045	73.60	68.14	63.45	59.35	55.75	52.57
.05	73.33	67.68	62.85	58.66	55.00	51.76
.06	72.72	66.66	61.53	57.14	53.33	50.00
.07	72.00	65.45	60.00	55.38	51.42	48.00
.08	71.11	64.00	58.18	53.33	49.23	45.71
.09	70.00	62.22	56.00	50.90	46.66	43.07
.10	68.57	60.00	53.33	48.00	43.63	40.00
.11	66.66	55.55	50.00	44.44	40.00	36.36
.12	64.00	53.33	45.71	40.00	35.55	32.00
.13	60.00	48.00	40.00	34.28	30.00	26.66
.14	53.33	40.00	32.00	26.66	22.85	20.00
.15	40.00	36.66	20.00	16.00	13.33	11.42

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	55.64	53.33	51.20	49.22	47.40	45.70	44.12	42.66	41.28	40.00	38.78
.03	52.00	49.52	47.26	45.20	43.73	41.60	39.99	38.51	37.13	35.85	34.66
.035	51.27	48.77	46.51	44.43	42.54	40.81	39.20	37.72	36.36	35.09	33.89
.04	50.52	48.00	45.71	43.63	41.73	40.00	38.40	36.92	35.55	34.28	33.10
.045	49.72	47.17	44.87	42.79	40.88	39.14	37.55	36.07	34.71	33.45	32.28
.05	48.88	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59	31.42
.06	47.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.62
.07	45.00	42.35	40.00	37.89	37.73	35.34	33.77	32.34	31.02	28.88	27.69
.08	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60
.09	40.00	37.33	35.00	32.94	31.11	29.47	28.00	26.66	25.45	24.34	23.33
.10	36.92	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86
.11	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18
.12	29.09	26.66	24.61	22.85	21.33	20.00	18.82	17.77	16.84	16.00	15.23
.13	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00
.14	17.77	16.00	14.54	13.33	12.30	11.42	10.66	9.42	8.88	8.42	8.00
.15	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	37.64	36.56	35.55	34.59	33.67	32.81	32.00	31.21	30.47	29.76	29.07	28.43
.03	33.54	32.50	31.51	30.58	29.70	28.88	28.10	27.36	26.66	26.00	25.36	24.75
.035	32.78	31.73	30.76	29.84	28.97	28.16	27.39	26.66	25.96	25.31	24.68	24.08
.04	32.00	30.96	30.00	29.09	28.23	27.42	26.66	25.94	25.26	24.61	24.00	23.41
.045	31.18	30.16	29.20	28.30	27.46	26.66	25.91	25.20	24.53	23.89	23.29	22.71
.05	30.34	29.33	28.38	27.50	26.66	25.88	25.14	24.44	23.78	23.15	22.56	22.00
.06	28.57	27.58	26.66	25.80	25.00	24.24	23.52	22.85	22.22	21.62	21.05	20.51
.07	26.66	25.71	24.82	24.00	23.22	22.50	21.81	21.17	20.57	20.00	19.45	18.94
.08	24.61	23.70	22.85	22.06	21.33	20.64	20.00	19.39	18.82	18.28	17.77	17.29
.09	22.40	21.53	20.74	20.00	19.31	18.66	18.06	17.50	16.96	16.47	16.00	15.55
.10	20.00	19.20	18.46	17.77	17.14	16.55	16.00	15.48	15.00	14.54	14.11	13.71
.11	17.39	16.66	16.00	15.38	14.81	14.28	13.79	13.33	12.90	12.50	12.12	11.76
.12	14.54	13.91	13.33	12.80	12.30	11.85	11.42	11.03	10.66	10.32	10.00	9.69
.13	11.45	10.90	10.43	10.00	9.60	9.23	8.88	8.57	8.27	8.00	7.74	7.50
.14	7.61	7.27	6.95	6.66	6.40	6.15	5.92	5.71	5.51	5.33	5.16	5.00
.15	4.21	4.00	3.80	3.63	3.47	3.33	3.20	3.07	2.96	2.85	2.75	2.66

TO MAKE 80 LBS. OF A 17 PER CENT BLEND.
Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST							18%	19%	20%	21%	22%	
Skim							75.54	71.57	68.00	64.74	61.80	
.03							74.66	70.00	65.88	62.22	58.94	
.035							74.47	69.67	65.45	61.71	58.36	
.04							74.28	69.33	65.00	61.17	57.77	
.045							74.07	68.96	64.51	60.60	57.14	
.05							73.84	68.57	64.00	60.00	56.47	
.06							73.33	67.68	62.85	58.66	55.00	
.07							72.72	66.66	61.53	57.14	53.33	
.08							72.00	65.45	60.00	55.38	51.42	
.09							71.11	64.00	58.18	53.33	49.23	
.10							70.00	62.22	56.00	50.90	46.66	
.11							68.57	60.00	53.33	48.00	43.63	
.12							66.66	55.55	50.00	44.44	40.00	
.13							64.00	53.33	45.71	40.00	35.55	
.14							60.00	48.00	40.00	34.28	30.00	
.15							53.33	40.00	32.00	26.66	22.85	
.16							40.00	36.66	20.00	16.00	13.33	
TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%	
Skim	59.11	56.66	54.40	52.29	50.36	48.55	46.88	45.32	43.86	42.50	41.20	
.03	56.00	53.33	50.90	48.69	46.66	44.80	43.07	41.48	40.00	38.62	37.33	
.035	55.37	52.67	50.23	47.99	45.94	44.08	42.34	40.74	39.27	37.90	36.60	
.04	54.73	52.00	49.52	47.26	45.20	43.73	41.60	39.99	38.51	37.13	35.85	
.045	54.04	51.27	48.77	46.51	44.43	42.54	40.81	39.20	37.72	36.36	35.09	
.05	53.33	50.52	48.00	45.71	43.63	41.73	40.00	38.40	36.92	35.55	34.28	
.06	51.76	48.88	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59	
.07	50.00	47.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76	
.08	48.00	45.00	42.35	40.00	37.89	37.73	35.34	33.77	32.34	31.02	28.88	
.09	45.71	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66	
.10	43.07	40.00	37.33	35.00	32.94	31.11	29.47	28.00	26.66	25.45	24.34	
.11	40.00	36.92	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81	
.12	36.36	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04	
.13	32.00	29.09	26.66	24.61	22.85	21.33	20.00	18.82	17.77	16.84	16.00	
.14	26.66	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63	
.15	20.00	17.77	16.00	14.54	13.33	12.30	11.42	10.66	9.42	8.88	8.42	
.16	11.42	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70	
TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	39.99	38.84	37.77	36.75	35.77	34.86	34.00	33.16	32.38	31.62	30.87	30.20
.03	36.12	35.00	33.93	32.94	32.00	31.11	30.27	29.47	28.72	28.00	27.31	26.66
.035	35.40	34.27	33.22	32.23	31.28	30.41	29.58	28.79	28.03	27.33	26.66	26.00
.04	34.66	33.54	32.50	31.51	30.58	29.70	28.88	28.10	27.36	26.66	26.00	25.36
.045	33.89	32.78	31.73	30.76	29.84	28.97	28.16	27.39	26.66	25.96	25.31	24.68
.05	33.10	32.00	30.96	30.00	29.09	28.23	27.42	26.66	25.94	25.26	24.61	24.00
.06	31.42	30.34	29.33	28.38	27.50	26.66	25.88	25.14	24.44	23.78	23.15	22.56
.07	29.62	28.57	27.58	26.66	25.80	25.00	24.24	23.52	22.85	22.22	21.62	21.05
.08	27.69	26.66	25.71	24.82	24.00	23.22	22.50	21.81	21.17	20.57	20.00	19.45
.09	25.60	24.61	23.70	22.85	22.06	21.33	20.64	20.00	19.39	18.82	18.28	17.77
.10	23.33	22.40	21.53	20.74	20.00	19.31	18.66	18.06	17.50	16.96	16.47	16.00
.11	20.86	20.00	19.20	18.46	17.77	17.14	16.55	16.00	15.48	15.00	14.54	14.11
.12	18.18	17.39	16.66	16.00	15.38	14.81	14.28	13.79	13.33	12.90	12.50	12.12
.13	15.23	14.54	13.91	13.33	12.80	12.30	11.85	11.42	11.03	10.66	10.32	10.00
.14	12.00	11.45	10.90	10.43	10.00	9.60	9.23	8.88	8.57	8.27	8.00	7.74
.15	8.00	7.61	7.27	6.95	6.66	6.40	6.15	5.92	5.71	5.51	5.33	5.16
.16	4.44	4.21	4.00	3.80	3.63	3.47	3.33	3.20	3.07	2.96	2.85	2.75

TO MAKE 80 LBS. OF AN 18 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	19%	20%	21%	22%
Skim	75.78	72.00	68.56	65.44
.03	75.00	70.58	66.66	63.15
.035	74.83	70.30	66.28	62.68
.04	74.66	70.00	65.88	62.22
.045	74.47	69.67	65.45	61.71
.05	74.28	69.33	65.00	61.17
.06	73.84	68.57	64.00	60.00
.07	73.33	67.68	62.85	58.66
.08	72.72	66.66	61.53	57.14
.09	72.00	65.45	60.00	55.38
.10	71.11	64.00	58.18	53.33
.11	70.00	62.22	56.00	50.90
.12	68.57	60.00	53.33	48.00
.13	66.66	55.55	50.00	44.44
.14	64.00	53.33	45.71	40.00
.15	60.00	48.00	40.00	34.28
.16	53.33	40.00	32.00	26.66
.17	40.00	36.66	20.00	16.00

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	62.60	59.99	57.60	55.37	53.32	51.42	49.64	47.99	46.44	45.00	43.62
.03	60.00	57.14	54.54	52.17	50.00	48.00	46.15	44.44	42.85	41.37	40.00
.035	59.17	56.57	53.95	51.53	49.34	47.33	45.48	43.76	42.18	40.71	39.31
.04	58.94	56.00	53.33	50.90	48.69	46.66	44.80	43.07	41.48	40.00	38.62
.045	58.36	55.37	52.67	50.23	47.99	45.94	44.08	42.34	40.74	39.27	37.90
.05	57.77	54.73	52.00	49.52	47.26	45.20	43.73	41.60	39.99	38.51	37.13
.06	56.47	53.33	50.52	48.00	45.71	43.63	41.73	40.00	38.40	36.92	35.55
.07	55.00	51.76	48.88	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84
.08	53.33	50.00	47.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00
.09	51.42	48.00	45.00	42.35	40.00	37.89	37.73	35.34	32.72	32.34	31.02
.10	49.23	45.71	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82
.11	46.66	43.07	40.00	37.33	35.00	32.94	31.11	29.47	28.00	26.66	25.45
.12	43.63	40.00	36.92	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85
.13	40.00	36.36	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00
.14	35.55	32.00	29.09	26.66	24.61	22.85	21.33	20.00	18.82	17.77	16.84
.15	30.00	26.66	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33
.16	22.85	20.00	17.77	16.00	14.54	13.33	12.30	11.42	10.66	9.42	8.88
.17	13.33	11.42	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	42.34	41.13	39.99	38.91	37.88	36.91	36.00	35.11	34.28	33.48	32.67	31.99
.03	38.70	37.50	36.36	35.29	34.28	33.33	32.43	31.57	30.76	30.00	29.26	28.57
.035	38.02	36.81	35.68	34.62	33.61	32.66	31.77	30.92	30.12	29.35	28.63	27.94
.04	37.33	36.12	35.00	33.93	32.94	32.00	31.11	30.27	29.47	28.72	28.00	27.31
.045	36.60	35.40	34.27	33.22	32.23	31.28	30.41	29.58	28.79	28.03	27.33	26.66
.05	35.85	34.66	33.54	32.50	31.51	30.58	29.70	28.88	28.10	27.36	26.66	26.00
.06	34.28	33.10	32.00	30.96	30.00	29.09	28.23	27.42	26.66	25.94	25.26	24.61
.07	32.59	31.42	30.34	29.33	28.38	27.50	26.66	25.88	25.14	24.44	23.78	23.15
.08	30.76	29.62	28.57	27.58	26.66	25.80	25.00	24.24	23.52	22.85	22.22	21.62
.09	28.88	27.69	26.66	25.71	24.82	24.00	23.22	22.50	21.81	21.17	20.57	20.00
.10	26.66	25.60	24.61	23.70	22.85	22.06	21.33	20.64	20.00	19.39	18.82	18.28
.11	24.34	23.33	22.40	21.53	20.74	20.00	19.31	18.66	18.06	17.50	16.96	16.47
.12	21.81	20.86	20.00	19.20	18.46	17.77	17.14	16.55	16.00	15.48	15.00	14.54
.13	19.04	18.18	17.39	16.66	16.00	15.38	14.81	14.28	13.79	13.33	12.90	12.50
.14	16.00	15.23	14.54	13.91	13.33	12.80	12.30	11.85	11.42	11.03	10.66	10.32
.15	12.63	12.00	11.45	10.90	10.43	10.00	9.60	9.23	8.88	8.59	8.27	8.00
.16	8.42	8.00	7.61	7.27	6.95	6.66	6.40	6.15	5.92	5.71	5.51	5.33
.17	4.70	4.44	4.21	4.00	3.80	3.63	3.47	3.33	3.20	3.07	2.96	2.85

TO MAKE 80 LBS. OF A 19 PER CENT BLEND.
Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST												20%	21%	22%
Skim												76.00	72.37	69.08
.03												75.28	71.10	67.36
.035												75.15	70.85	67.00
.04												75.00	70.58	66.66
.045												74.83	70.30	66.28
.05												74.66	70.00	65.88
.06												74.28	69.33	65.00
.07												73.84	68.57	64.00
.08												73.33	67.68	62.85
.09												72.72	66.66	61.53
.10												72.00	65.45	60.00
.11												71.11	64.00	58.18
.12												70.00	62.22	56.00
.13												68.57	60.00	53.33
.14												66.66	55.55	50.00
.15												64.00	53.33	45.71
.16												60.00	48.00	40.00
.17												53.33	40.00	32.00
.18												40.00	36.66	20.00
TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%			
Skim	66.08	63.32	60.80	58.45	56.28	54.27	52.40	50.66	49.02	47.50	46.04			
.03	64.00	60.94	58.17	55.64	53.33	51.20	49.22	47.40	45.70	44.12	42.66			
.035	63.57	60.47	57.67	55.10	52.74	50.61	48.61	46.78	45.09	43.52	42.02			
.04	63.15	60.00	57.14	54.54	52.17	50.00	48.00	46.15	44.44	42.85	41.37			
.045	62.68	59.47	56.57	53.95	51.53	49.34	47.33	45.46	43.74	42.18	40.71			
.05	62.22	58.94	56.00	53.33	50.90	48.69	46.66	44.80	43.07	41.48	40.00			
.06	61.17	57.77	54.73	52.00	49.52	47.26	45.20	43.73	41.60	39.99	38.51			
.07	60.00	56.47	53.33	50.52	48.00	45.71	43.63	41.73	40.00	38.40	36.92			
.08	58.66	55.00	51.76	48.88	46.31	44.00	41.90	40.00	38.26	36.66	35.20			
.09	57.14	53.33	50.00	47.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33			
.10	55.38	51.42	48.00	45.00	42.35	40.00	37.89	37.73	35.34	33.77	32.34			
.11	53.33	49.23	45.71	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09			
.12	50.90	46.66	43.07	40.00	37.33	35.00	32.94	31.11	29.47	28.00	26.66			
.13	48.00	43.63	40.00	36.92	34.28	32.00	30.00	28.23	26.66	25.26	24.00			
.14	44.44	40.00	36.36	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05			
.15	40.00	35.55	32.00	29.09	26.66	24.61	22.85	21.33	20.00	18.82	17.77			
.16	34.28	30.00	26.66	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11			
.17	26.66	22.85	20.00	17.17	16.00	14.54	13.23	12.30	11.42	10.66	9.42			
.18	16.00	13.33	11.42	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33			
TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%		
Skim	44.69	43.42	42.21	41.07	39.99	38.96	38.00	37.06	36.19	35.34	34.47	33.77		
.03	41.28	40.00	38.78	37.64	36.25	35.55	34.59	33.67	32.81	32.00	31.21	30.47		
.035	40.64	39.35	38.14	37.01	35.93	34.92	33.96	33.05	32.19	31.39	30.60	29.86		
.04	40.00	38.70	37.50	36.36	35.29	34.28	33.33	32.43	31.57	30.76	30.00	29.26		
.045	39.31	38.02	36.79	35.68	34.60	33.59	32.66	31.77	30.92	30.10	29.35	28.63		
.05	38.62	37.33	36.12	35.00	33.93	32.94	32.00	31.11	30.27	29.47	28.72	28.00		
.06	37.13	35.85	34.66	33.54	32.50	31.51	30.58	29.70	28.88	28.10	27.36	26.66		
.07	35.55	34.28	33.10	32.00	30.96	30.00	29.09	28.23	27.42	26.66	25.94	25.26		
.08	33.84	32.59	31.42	30.34	29.33	28.38	27.50	26.66	25.88	25.14	24.44	23.78		
.09	32.00	30.76	29.62	28.57	27.58	26.66	25.80	25.00	24.24	23.52	22.85	22.22		
.10	31.02	28.88	27.69	26.66	25.71	24.32	24.00	23.22	22.50	21.81	21.17	20.57		
.11	27.82	26.66	25.60	24.61	23.70	22.85	22.06	21.33	20.64	20.00	19.39	18.82		
.12	25.45	24.34	23.33	22.40	21.53	20.74	20.00	19.31	18.66	18.06	17.50	16.96		
.13	22.85	21.81	20.85	20.00	19.20	18.46	17.77	17.14	16.55	16.00	15.48	15.00		
.14	20.00	19.04	18.18	17.39	16.66	16.00	15.38	14.81	14.28	13.79	13.33	12.90		
.15	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30	11.85	11.42	11.03	10.66		
.16	13.33	12.63	12.00	11.45	10.90	10.43	10.00	9.60	9.23	8.88	8.57	8.27		
.17	8.88	8.42	8.00	7.60	7.27	6.95	6.66	6.40	6.15	5.92	5.71	5.51		
.18	5.00	4.70	4.44	4.21	4.00	3.80	3.63	3.47	3.33	3.20	3.07	2.96		

TO MAKE 80 LBS. OF A 20 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST											21%	22%
Skim											76.18	72.72
.03											75.54	71.57
.035											75.42	71.32
.04											75.28	71.10
.045											75.15	70.85
.05											75.00	70.58
.06											74.66	70.00
.07											74.28	69.33
.08											73.84	68.57
.09											73.33	67.68
.10											72.72	66.66
.11											72.00	65.45
.12											71.11	64.00
.13											70.00	62.22
.14											68.57	60.00
.15											66.66	55.55
.16											64.00	53.33
.17											60.00	48.00
.18											53.33	40.00
.19											40.00	36.66
TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%	
Skim	69.56	66.55	64.00	61.53	59.24	57.13	55.16	53.33	51.60	50.00	48.46	
.03	68.00	64.74	61.80	59.11	56.66	54.40	52.29	50.36	48.55	46.86	45.32	
.035	67.67	64.37	61.39	58.65	56.16	53.87	51.75	49.80	48.00	46.33	44.73	
.04	67.36	64.00	60.94	58.17	55.64	53.33	51.20	49.22	47.40	45.70	44.12	
.045	67.00	63.57	60.47	57.67	55.10	52.74	50.61	48.61	46.78	45.09	43.52	
.05	66.66	63.15	60.00	57.14	54.54	52.17	50.00	48.00	46.15	44.44	42.85	
.06	65.88	62.22	58.94	56.00	53.33	50.90	48.69	46.66	44.80	43.07	41.48	
.07	65.00	61.17	57.77	54.73	52.00	49.52	47.26	45.20	43.73	41.60	39.99	
.08	64.00	60.00	56.47	53.33	50.52	48.00	45.71	43.63	41.73	40.00	38.40	
.09	62.85	58.66	55.00	51.76	48.88	46.31	44.00	41.90	40.00	38.26	36.66	
.10	61.53	57.14	53.33	50.00	47.05	44.44	42.10	40.00	38.09	36.36	34.78	
.11	60.00	55.38	51.42	48.00	45.00	42.35	40.00	37.89	37.73	35.34	33.77	
.12	58.18	53.33	49.23	45.71	42.66	40.00	37.64	35.55	33.68	32.00	30.47	
.13	56.00	50.90	46.66	43.07	40.00	37.33	35.00	32.94	31.11	29.47	28.00	
.14	53.33	48.00	43.63	40.00	36.92	34.28	32.00	30.00	28.23	26.66	25.26	
.15	50.00	44.44	40.00	36.36	33.33	30.76	28.57	26.66	25.00	23.52	22.22	
.16	45.71	40.00	35.55	32.00	29.09	26.66	24.61	22.85	21.33	20.00	18.82	
.17	40.00	34.28	30.00	26.66	24.00	21.81	20.00	18.46	17.14	16.00	15.00	
.18	32.00	26.66	22.85	20.00	17.77	16.00	14.54	13.33	12.30	11.42	10.66	
.19	20.00	16.00	13.33	11.42	10.00	8.88	8.00	7.27	6.66	6.15	5.71	
TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	47.04	45.70	44.43	43.23	42.09	41.01	40.01	39.01	38.09	37.20	36.27	35.54
.03	43.86	42.50	41.20	39.99	38.84	37.77	36.75	35.77	34.86	34.00	33.16	32.34
.035	43.26	41.89	40.60	39.40	38.25	37.18	36.15	35.18	34.27	33.41	32.58	31.79
.04	42.66	41.28	40.00	38.78	37.64	36.25	35.55	34.59	33.67	32.81	32.00	31.21
.045	42.02	40.64	39.32	38.14	37.01	35.93	34.92	33.96	33.05	32.19	31.39	30.60
.05	41.37	40.00	38.70	37.50	36.36	35.29	34.28	33.33	32.43	31.57	30.76	30.00
.06	40.00	38.62	37.33	36.12	35.00	33.93	32.94	32.00	31.11	30.27	29.47	28.72
.07	38.51	37.13	35.85	34.66	33.54	32.50	31.51	30.58	29.70	28.88	28.10	27.36
.08	36.92	35.55	34.28	33.10	32.00	30.96	30.00	29.00	28.23	27.42	26.66	25.94
.09	35.20	33.84	32.59	31.42	30.34	29.33	28.38	27.50	26.66	25.88	25.14	24.44
.10	33.33	32.00	30.76	29.62	28.57	27.58	26.66	25.80	25.00	24.24	23.52	22.85
.11	32.34	31.02	28.88	27.69	26.66	25.71	24.82	24.00	23.22	22.50	21.81	21.17
.12	29.09	27.82	26.66	25.60	24.61	23.70	22.85	22.06	21.33	20.64	20.00	19.39
.13	26.66	25.45	24.34	23.33	22.40	21.53	20.74	20.00	19.31	18.66	18.06	17.50
.14	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77	17.14	16.55	16.00	15.48
.15	21.05	20.00	19.04	18.18	17.39	16.66	16.00	15.38	14.81	14.28	13.79	13.33
.16	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30	11.85	11.42	11.03
.17	14.11	13.33	12.63	12.00	11.45	10.90	10.43	10.00	9.60	9.23	8.88	8.57
.18	9.42	8.88	8.42	8.00	7.61	7.27	6.95	6.66	6.40	6.15	5.92	5.71
.19	5.33	5.00	4.70	4.44	4.21	4.00	3.80	3.63	3.47	3.33	3.20	3.07

TO MAKE 80 LBS. OF A 21 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	22%
Skim	76.35
.03	75.78
.035	75.64
.04	75.54
.045	75.42
.05	75.28
.06	75.00
.07	74.66
.08	74.28
.09	73.84
.10	73.33
.11	72.72
.12	72.00
.13	71.11
.14	70.00
.15	68.57
.16	66.66
.17	64.00
.18	60.00
.19	53.33
.20	40.00

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	73.03	69.98	67.20	64.60	62.20	59.99	57.91	55.99	54.18	52.50	50.88
.03	72.00	68.56	65.43	62.60	59.99	57.60	55.36	53.32	51.42	49.64	47.98
.035	71.77	68.27	65.11	62.21	59.56	57.14	54.89	52.81	50.91	49.14	47.44
.04	71.57	68.00	64.74	61.80	59.11	56.66	54.40	52.29	50.36	48.55	46.86
.045	71.32	67.67	64.37	61.39	58.64	56.16	53.87	51.75	49.80	48.00	46.33
.05	71.10	67.36	64.00	60.94	58.17	55.64	53.33	51.20	49.22	47.40	45.70
.06	70.58	66.66	63.15	60.00	57.14	54.54	52.17	50.00	48.00	46.15	44.44
.07	70.00	65.88	62.22	58.94	56.00	53.33	50.90	48.69	46.66	44.80	43.07
.08	69.33	65.00	61.17	57.74	54.73	52.00	49.52	47.26	45.29	43.73	41.60
.09	68.57	64.00	60.00	56.47	53.33	50.52	48.00	45.71	43.63	41.73	40.00
.10	67.68	62.85	58.66	55.00	51.76	48.88	46.31	44.00	41.90	40.00	38.26
.11	66.66	61.53	57.14	53.33	50.00	47.05	44.44	42.10	40.00	38.09	36.36
.12	65.45	60.00	55.38	51.42	48.00	45.00	42.35	40.00	37.89	37.73	35.34
.13	64.00	58.18	53.33	49.23	45.71	42.66	40.00	37.64	35.55	33.68	32.00
.14	62.22	56.00	50.90	46.66	43.07	40.00	37.33	35.00	32.94	31.11	29.47
.15	60.00	53.33	48.00	43.63	40.00	36.92	34.28	32.00	30.00	28.23	26.66
.16	55.55	50.00	44.44	40.00	36.36	33.33	30.76	28.57	26.66	25.00	23.52
.17	53.33	45.71	40.00	35.55	32.00	29.09	26.66	24.61	22.85	21.33	20.00
.18	48.00	40.00	34.28	30.00	26.66	24.00	21.81	20.00	18.46	17.14	16.00
.19	40.00	32.00	26.66	22.85	20.00	17.77	16.00	14.54	13.33	12.30	11.42
.20	36.66	20.00	16.00	13.33	11.42	10.00	8.88	8.00	7.27	6.66	6.15

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	49.39	47.99	46.65	45.39	44.20	43.06	42.00	40.96	40.00	39.06	38.07	37.32
.03	46.44	45.00	43.62	42.34	41.12	39.99	38.91	37.88	36.91	36.00	35.11	34.28
.035	45.88	44.43	43.06	41.78	40.56	39.43	38.34	37.31	36.35	35.44	34.56	33.72
.04	45.32	43.86	42.50	41.20	39.99	38.84	37.77	36.75	35.78	34.86	34.00	33.16
.045	44.73	43.26	41.89	40.60	39.40	38.25	37.18	36.15	35.18	34.27	33.41	32.58
.05	44.12	42.66	41.28	40.00	38.78	37.64	36.56	35.55	34.59	33.67	32.81	32.00
.06	42.85	41.37	40.00	38.70	37.50	36.36	35.29	34.28	33.33	32.43	31.57	30.76
.07	41.48	40.00	38.62	37.33	36.12	35.00	33.93	32.97	32.00	31.11	30.27	29.47
.08	39.99	38.51	37.13	35.85	34.66	33.54	32.50	31.51	30.58	29.70	28.88	28.10
.09	38.40	36.92	35.55	34.28	33.10	32.00	30.96	30.00	29.00	28.23	27.42	26.66
.10	36.66	35.20	33.84	32.59	31.42	30.34	29.33	28.38	27.50	26.66	25.88	25.14
.11	34.78	33.33	32.00	30.76	29.63	28.57	27.58	26.66	25.80	25.00	24.24	23.52
.12	33.77	32.34	31.02	28.88	27.69	26.66	25.71	24.82	24.00	23.22	22.50	21.81
.13	30.47	29.09	27.82	26.66	25.60	24.61	23.70	22.85	22.06	21.33	20.64	20.00
.14	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74	20.00	19.31	18.66	18.06
.15	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77	17.14	16.55	16.00
.16	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00	15.38	14.81	14.28	13.79
.17	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30	11.85	11.42
.18	15.00	14.11	13.33	12.63	12.00	11.45	10.90	10.43	10.00	9.60	9.23	8.88
.19	10.66	9.42	8.88	8.42	8.00	7.61	7.27	6.95	6.66	6.40	6.15	5.92
.20	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.81	3.63	3.47	3.33	3.20

TO MAKE 80 LBS. OF A 22 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	23%	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%	
Skim	76.46	73.31	70.40	67.68	65.16	62.84	60.67	58.66	56.76	55.00	53.30	
.03	76.00	72.34	69.08	66.08	63.32	60.80	58.45	56.28	54.27	52.40	50.66	
.035	75.87	72.17	68.83	65.76	62.96	60.40	58.02	55.83	53.82	51.95	50.15	
.04	75.78	72.00	68.56	65.43	62.60	59.99	57.60	55.36	53.32	51.42	49.64	
.045	75.64	71.77	68.27	65.11	62.21	59.56	57.14	54.89	52.81	50.91	49.14	
.05	75.54	71.57	68.00	64.74	61.80	59.11	56.66	54.40	52.29	50.36	48.55	
.06	75.28	71.10	67.36	64.00	60.94	58.17	55.64	53.33	51.20	49.22	47.40	
.07	75.00	70.58	66.66	63.15	60.00	57.14	54.54	52.17	50.00	48.00	46.15	
.08	74.66	70.00	65.88	62.22	58.94	56.00	53.33	50.90	48.69	46.66	44.80	
.09	74.28	69.33	65.00	61.17	57.77	54.73	52.00	49.52	47.26	45.20	43.73	
.10	73.84	68.57	64.00	60.00	56.47	53.33	50.52	48.00	45.71	43.63	41.73	
.11	73.33	67.68	62.85	58.66	55.00	51.76	48.88	46.31	44.00	41.90	40.00	
.12	72.72	66.66	61.53	57.14	53.33	50.00	47.05	44.44	42.10	40.00	38.09	
.13	72.00	65.45	60.00	55.38	51.42	48.00	45.00	42.35	40.00	37.89	37.73	
.14	71.11	64.00	58.18	53.33	49.23	45.71	42.66	40.00	37.64	35.55	33.68	
.15	70.00	62.22	56.00	50.90	46.66	43.07	40.00	37.33	35.00	32.94	31.11	
.16	68.57	60.00	53.33	48.00	43.63	40.00	36.92	34.28	32.00	30.00	28.23	
.17	66.66	55.55	50.00	44.44	40.00	36.36	33.33	30.76	28.57	26.66	25.00	
.18	64.00	53.33	45.71	40.00	35.55	32.00	29.09	26.66	24.61	22.85	21.33	
.19	60.00	48.00	40.00	34.28	30.00	26.66	24.00	21.81	20.00	18.46	17.14	
.20	53.33	40.00	32.00	26.66	22.85	20.00	17.77	16.00	14.54	13.33	12.30	
.21	40.00	36.66	20.00	16.00	13.33	11.42	10.00	8.88	8.00	7.27	6.66	
TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	51.74	50.27	48.85	47.55	46.30	45.11	44.00	42.91	41.87	40.92	39.87	39.09
.03	49.02	47.50	46.04	44.69	43.42	42.21	41.07	39.99	38.96	38.00	37.06	36.17
.035	48.50	46.97	45.52	44.17	42.88	41.68	40.53	39.44	38.42	37.46	36.53	35.64
.04	47.98	46.44	45.00	43.62	42.34	41.12	39.99	38.91	37.87	36.91	36.00	35.11
.045	47.44	45.88	44.43	43.06	41.78	40.56	39.43	38.34	37.31	36.35	35.41	34.56
.05	46.86	45.32	43.86	42.50	41.20	39.99	38.84	37.77	36.75	35.78	34.86	34.00
.06	45.70	44.12	42.66	41.28	40.00	38.78	37.64	36.25	35.55	34.59	33.67	32.81
.07	44.44	42.85	41.37	40.00	38.70	37.50	36.36	35.29	34.28	33.33	32.43	31.57
.08	43.07	41.48	40.00	38.62	37.33	36.12	35.00	33.93	32.94	32.00	31.11	30.27
.09	41.60	39.99	38.51	37.13	35.85	34.66	33.54	32.50	31.51	30.58	29.70	28.88
.10	40.00	38.40	36.92	35.55	34.28	33.10	32.00	30.96	30.00	29.00	28.23	27.42
.11	38.26	36.66	35.20	33.84	32.59	31.42	30.34	29.33	28.38	27.50	26.66	25.88
.12	36.36	34.78	33.33	32.00	30.76	29.62	28.57	27.58	26.66	25.80	25.00	24.24
.13	35.34	33.77	32.34	31.02	28.88	27.69	26.66	25.71	24.82	24.00	23.22	22.50
.14	32.00	30.47	29.09	27.82	26.66	25.60	24.61	23.70	22.85	22.06	21.33	20.64
.15	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74	20.00	19.31	18.66
.16	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77	17.14	16.55
.17	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00	15.38	14.81	14.28
.18	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30	11.85
.19	16.00	15.00	14.11	13.33	12.63	12.00	11.45	10.90	10.43	10.00	9.60	9.23
.20	11.42	10.66	9.42	8.88	8.42	8.00	7.61	7.27	6.95	6.66	6.40	6.15
.21	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.80	3.63	3.47	3.33

TO MAKE 80 LBS. OF A 23 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	24%	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	76.64	73.60	70.76	68.12	65.70	63.43	61.32	59.34	57.50	55.72
.03	76.14	72.69	69.56	66.55	64.00	61.50	59.24	57.13	55.16	53.33
.035	76.07	72.55	69.32	66.37	63.67	61.16	58.85	56.73	54.76	52.86
.04	76.00	72.34	69.08	66.08	63.32	60.80	58.45	56.28	54.27	52.40
.045	75.87	72.17	68.83	65.76	62.96	60.40	58.02	55.83	53.82	51.95
.05	75.78	72.00	68.56	65.43	62.60	59.99	57.60	55.36	53.32	51.42
.06	75.54	71.56	68.00	64.74	61.80	59.11	56.66	54.40	52.29	50.36
.07	75.28	71.10	67.36	64.00	60.94	58.17	55.64	53.33	51.20	49.22
.08	75.00	70.58	66.66	63.15	60.00	57.14	54.54	52.17	50.00	48.00
.09	74.66	70.00	65.88	62.22	58.94	56.00	53.33	50.90	48.69	46.66
.10	74.28	69.33	65.00	61.17	57.77	54.73	52.00	49.52	47.26	45.20
.11	73.84	68.57	64.00	60.00	56.47	53.33	50.52	48.00	45.71	43.63
.12	73.33	67.68	62.85	58.66	55.00	51.76	48.88	46.31	44.00	41.90
.13	72.72	66.66	61.53	57.14	53.33	50.00	47.05	44.44	42.10	40.00
.14	72.00	65.45	60.00	55.38	51.42	48.00	45.00	42.35	40.00	37.89
.15	71.11	64.00	58.18	53.33	49.23	45.71	42.66	40.00	37.64	35.55
.16	70.00	62.22	56.00	50.90	46.66	43.07	40.00	37.33	35.00	32.94
.17	68.57	60.00	53.33	48.00	43.63	40.00	36.92	34.28	32.00	30.00
.18	66.66	55.55	50.00	44.44	40.00	36.36	33.33	30.76	28.57	26.66
.19	64.00	53.33	45.71	40.00	35.55	32.00	29.09	26.66	24.61	22.85
.20	60.00	48.00	40.00	34.28	30.00	26.66	24.00	21.81	20.00	18.46
.21	53.33	40.00	32.00	26.66	22.85	20.00	17.77	16.00	14.54	13.33
.22	40.00	36.66	20.00	16.00	13.33	11.42	10.00	8.88	8.00	7.27

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	54.09	52.56	51.09	49.71	48.41	47.16	46.00	44.86	43.81	42.78	41.67	40.87
.03	51.60	50.00	48.46	47.04	45.70	44.43	43.23	42.09	41.01	40.01	39.01	38.09
.035	51.12	49.51	47.98	46.56	45.20	43.94	42.72	41.57	40.50	39.49	38.51	37.57
.04	50.66	49.02	47.50	46.04	44.69	43.42	42.21	41.07	39.99	38.96	38.00	37.06
.045	50.15	48.50	46.97	45.52	44.17	42.83	41.68	40.53	39.44	38.42	37.46	36.53
.05	49.64	47.98	46.44	45.00	43.62	42.34	41.12	39.99	38.91	37.87	36.91	36.00
.06	48.55	46.86	45.32	43.86	42.50	41.20	39.99	38.84	37.77	36.75	35.78	34.86
.07	47.40	45.70	44.12	42.66	41.28	40.00	38.78	37.64	36.25	35.55	34.59	33.67
.08	46.15	44.44	42.85	41.37	40.00	38.07	37.50	36.36	35.29	34.28	33.33	32.43
.09	44.80	43.07	41.48	40.00	38.62	37.33	36.12	35.00	33.93	32.94	32.00	31.11
.10	43.73	41.60	39.99	38.51	37.13	35.85	34.66	33.54	32.50	31.51	30.58	29.70
.11	41.73	40.00	38.40	36.92	35.55	34.28	33.10	32.00	30.96	30.00	29.00	28.23
.12	40.00	38.26	36.66	35.20	33.84	32.59	31.42	30.34	29.33	28.38	27.50	26.66
.13	38.09	36.36	34.78	33.33	32.00	30.76	29.62	28.57	27.58	26.66	25.80	25.00
.14	37.73	35.34	33.77	32.34	31.02	28.88	27.69	26.66	25.71	24.82	24.00	23.22
.15	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.61	23.70	22.85	22.06	21.33
.16	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74	20.00	19.31
.17	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77	17.14
.18	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00	15.38	14.81
.19	21.33	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80	12.30
.20	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.45	10.90	10.43	10.00	9.60
.21	12.30	11.42	10.66	9.42	8.88	8.42	8.00	7.61	7.27	6.95	6.66	6.40
.22	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.80	3.63	3.47

TO MAKE 80 LBS. OF A 24 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	25%	26%	27%	28%	29%	30%	31%	32%	33%
Skim	76.80	73.83	71.08	68.56	66.19	63.99	61.92	60.00	58.14
.03	76.35	73.03	69.98	67.20	64.66	62.20	59.95	57.91	55.99
.035	76.27	72.87	69.77	66.93	64.30	61.87	59.64	57.57	55.57
.04	76.19	72.69	69.56	66.55	64.00	61.50	59.24	57.13	55.16
.045	76.07	72.55	69.28	66.34	63.63	61.11	58.78	56.73	54.76
.05	76.00	72.34	69.08	66.08	63.32	60.80	58.45	56.28	54.27
.06	75.78	72.00	68.56	65.43	62.60	59.99	57.60	55.36	53.32
.07	75.54	71.57	68.00	64.74	61.80	59.11	56.66	54.40	52.29
.08	75.28	71.10	67.36	64.00	60.94	58.17	55.64	53.33	51.20
.09	75.00	70.58	66.66	63.15	60.00	57.14	54.54	52.17	50.00
.10	74.66	70.00	65.88	62.22	58.94	56.00	53.33	50.90	48.69
.11	74.28	69.33	65.00	61.17	57.77	54.73	52.00	49.52	47.26
.12	73.84	68.57	64.00	60.00	56.47	53.33	50.52	48.00	45.71
.13	73.33	67.68	62.85	58.66	55.00	51.76	48.88	46.31	44.00
.14	72.72	66.66	61.53	57.14	53.33	50.00	47.05	44.44	42.10
.15	72.00	65.45	60.00	55.38	51.42	48.00	45.00	42.35	40.00
.16	71.11	64.00	58.18	53.33	49.23	45.71	42.66	40.00	37.64
.17	70.00	62.22	56.00	50.90	46.66	43.07	40.00	37.33	35.00
.18	68.57	60.00	53.33	48.00	43.63	40.00	36.92	34.28	32.00
.19	66.66	55.55	50.00	44.44	40.00	36.36	33.33	30.76	28.57
.20	64.00	53.33	45.71	40.00	35.55	32.00	29.09	26.66	24.61
.21	60.00	48.00	40.00	34.28	30.00	26.66	24.00	21.81	20.00
.22	53.33	40.00	32.00	26.66	22.85	20.00	17.77	16.00	14.54
.23	40.00	36.66	20.00	16.00	13.13	11.42	10.00	8.88	8.00

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	56.44	54.84	53.21	51.87	50.51	49.21	48.00	46.81	45.71	44.64	43.47	42.65
.03	54.18	52.50	50.88	49.39	47.99	46.65	45.39	44.21	43.06	42.00	40.96	40.00
.035	53.74	52.05	50.44	48.95	47.52	46.19	44.91	43.70	42.58	41.51	40.48	39.50
.04	53.33	51.60	50.00	48.46	47.04	45.70	44.43	43.23	42.09	41.01	40.01	39.01
.045	52.86	51.12	49.44	47.98	46.50	45.14	43.91	42.72	41.57	40.45	39.45	38.48
.05	52.40	50.66	49.02	47.50	46.04	44.69	43.42	42.21	41.07	39.99	38.96	38.00
.06	51.42	49.62	47.98	46.44	45.00	43.62	42.34	41.12	39.99	38.91	37.87	36.91
.07	50.36	48.55	46.86	45.32	43.86	42.50	41.20	39.99	38.84	37.77	36.75	35.77
.08	49.22	47.40	45.70	44.12	42.66	41.28	40.00	38.78	37.64	36.25	35.55	34.59
.09	48.00	46.15	44.44	42.85	41.37	40.00	38.70	37.50	36.36	35.29	34.28	33.33
.10	46.66	44.80	43.07	41.48	40.00	38.62	37.33	36.12	35.00	33.93	32.94	32.00
.11	45.20	43.73	41.60	39.99	38.51	37.13	35.85	34.66	33.54	32.50	31.51	30.58
.12	43.63	41.73	40.00	38.40	36.92	35.55	34.28	33.10	32.00	30.96	30.00	29.00
.13	41.90	40.00	38.26	36.66	35.20	33.84	32.59	31.42	30.34	29.33	28.38	27.50
.14	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.62	28.57	27.58	26.66	25.80
.15	37.89	37.73	35.34	33.77	32.34	31.02	28.88	27.69	26.66	25.71	24.82	24.00
.16	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.61	23.70	22.85	22.06
.17	32.94	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74	20.00
.18	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46	17.77
.19	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00	15.38
.20	22.85	21.33	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33	12.80
.21	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.45	10.90	10.43	10.00
.22	13.33	12.30	11.42	10.66	9.42	8.88	8.42	8.00	7.61	7.27	6.95	6.66
.23	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.80	3.63

TO MAKE 80 LBS. OF A 25 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	26%	27%	28%	29%	30%	31%	32%	33%
Skim	76.91	74.04	71.42	68.95	66.66	64.50	62.50	60.56
.03	76.46	73.31	70.40	67.69	65.16	62.84	60.67	58.66
.035	76.43	73.18	70.20	67.44	64.89	62.55	60.38	58.28
.04	76.35	73.03	69.98	67.20	64.60	62.20	59.95	57.91
.045	76.27	72.87	69.77	66.93	64.30	61.87	59.64	57.57
.05	76.14	72.69	69.56	66.55	64.00	61.50	59.24	57.13
.06	76.00	72.34	69.08	66.08	63.32	60.80	58.45	56.28
.07	75.78	72.00	68.56	65.43	62.60	59.99	57.60	55.36
.08	75.54	71.57	68.00	64.74	61.80	59.11	56.66	54.40
.09	75.28	71.10	67.36	64.00	60.94	58.17	55.64	53.33
.10	75.00	70.58	66.66	63.15	60.00	57.14	54.54	52.17
.11	74.66	70.00	65.88	62.22	58.94	56.00	53.33	50.90
.12	74.28	69.33	65.00	61.17	57.77	54.73	52.00	49.52
.13	73.84	68.57	64.00	60.00	56.47	53.33	50.52	48.00
.14	73.33	67.68	62.85	58.66	55.00	51.76	48.88	46.31
.15	72.72	66.66	61.53	57.14	53.33	50.00	47.05	44.44
.16	72.00	65.45	60.00	55.38	51.42	48.00	45.00	42.35
.17	71.11	64.00	58.18	53.33	49.23	45.71	42.66	40.00
.18	70.00	62.22	56.00	50.90	46.66	43.07	40.00	37.33
.19	68.57	60.00	53.33	48.00	43.63	40.00	36.92	34.28
.20	66.66	55.55	50.00	44.44	40.00	36.36	33.33	30.76
.21	64.00	53.33	45.71	40.00	35.55	32.00	29.09	26.66
.22	60.00	48.00	40.00	34.28	30.00	26.66	24.00	21.81
.23	53.33	40.00	32.00	26.66	22.85	20.00	17.77	16.00
.24	40.00	36.66	20.00	16.00	13.33	11.42	10.00	8.88

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	58.79	57.13	55.53	54.03	52.62	51.26	50.00	48.76	47.61	46.50	45.27	44.43
.03	56.77	55.00	53.30	51.74	50.27	48.87	47.55	46.30	45.11	44.00	42.91	41.90
.035	56.36	54.59	52.90	51.34	49.84	48.45	47.10	45.83	44.66	43.54	42.46	41.43
.04	55.99	54.18	52.50	50.88	49.39	47.99	46.65	45.39	44.20	43.06	42.00	40.96
.045	55.57	53.74	52.05	50.44	48.95	47.52	46.19	44.91	43.70	42.58	41.51	40.48
.05	55.16	53.33	51.60	50.00	48.46	47.04	45.70	44.43	43.23	42.09	41.01	40.01
.06	54.27	52.40	50.66	49.02	47.50	46.04	44.69	43.42	42.21	41.07	39.99	38.96
.07	53.32	51.42	49.62	47.98	46.44	45.00	43.62	42.34	41.12	39.99	38.91	37.87
.08	52.29	50.36	48.55	46.86	45.32	43.86	42.50	41.20	39.99	38.84	37.77	36.75
.09	51.20	49.22	47.40	45.70	44.12	42.66	41.28	40.00	38.78	37.64	36.25	35.55
.10	50.00	48.00	46.15	44.44	42.85	41.37	40.00	38.70	37.50	36.36	35.29	34.28
.11	48.69	46.66	44.80	43.07	41.48	40.00	38.62	37.33	36.12	35.00	33.93	32.94
.12	47.26	45.20	43.73	41.60	39.99	38.50	37.13	35.85	34.66	33.54	32.50	31.51
.13	45.71	43.63	41.73	40.00	38.40	36.92	35.55	34.28	33.10	32.00	30.96	30.00
.14	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59	31.42	30.34	29.33	28.38
.15	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.62	28.57	27.58	26.66
.16	40.00	37.89	37.73	35.34	33.77	32.34	31.02	28.88	27.69	26.66	25.71	24.82
.17	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.61	23.70	22.85
.18	35.00	32.94	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53	20.74
.19	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20	18.46
.20	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66	16.00
.21	24.61	22.85	21.33	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91	13.33
.22	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.45	10.90	10.43
.23	14.54	13.33	12.30	11.42	10.66	9.42	8.88	8.42	8.00	7.61	7.27	6.95
.24	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00	3.80

TO MAKE 80 LBS. OF A 26 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	27%	28%	29%	30%	31%	32%	33%
Skim	77.00	74.27	71.71	69.32	67.08	65.00	62.98
.03	76.64	73.60	70.76	68.12	65.70	63.43	61.32
.035	76.58	73.46	70.57	67.90	65.46	63.19	60.99
.04	76.46	73.31	70.40	67.68	65.16	62.84	60.67
.045	76.43	73.18	70.20	67.44	64.89	62.55	60.38
.05	76.35	73.03	69.98	67.20	64.60	62.20	59.95
.06	76.14	72.69	69.56	66.55	64.00	61.50	59.24
.07	76.00	72.34	69.08	66.08	63.32	60.80	58.45
.08	75.78	72.00	68.56	65.43	62.60	59.99	57.60
.09	75.54	71.57	68.00	64.74	61.80	59.11	56.66
.10	75.28	71.10	67.36	64.00	60.94	58.17	55.64
.11	75.00	70.55	66.66	63.15	60.00	57.14	54.54
.12	74.66	70.00	65.88	62.22	58.94	56.00	53.33
.13	74.28	69.33	65.00	61.17	57.77	54.73	52.00
.14	73.84	68.57	64.00	60.00	56.47	53.33	50.52
.15	73.33	67.68	62.85	58.66	55.00	51.76	48.88
.16	72.72	66.66	61.53	57.14	53.33	50.00	47.05
.17	72.00	65.45	60.00	55.38	51.42	48.00	45.00
.18	71.11	64.00	58.18	53.33	49.23	45.71	42.66
.19	70.00	62.22	56.00	50.90	46.66	43.07	40.00
.20	68.57	60.00	53.33	48.00	43.63	40.00	36.92
.21	66.66	55.55	50.00	44.44	40.00	36.36	33.33
.22	64.00	53.33	45.71	40.00	35.55	32.00	29.09
.23	60.00	48.00	40.00	34.28	30.00	26.66	24.00
.24	53.33	40.00	32.00	26.66	22.85	20.00	17.77
.25	40.00	36.66	20.00	16.00	13.33	11.42	10.00

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	61.14	59.41	57.75	56.19	54.72	53.31	52.00	50.71	49.52	48.36	47.07	46.20
.03	59.34	57.50	55.72	54.09	52.56	51.09	49.71	48.41	47.16	46.00	44.86	43.81
.035	58.98	57.12	55.36	53.72	52.15	50.70	49.29	47.96	46.73	45.56	44.43	43.35
.04	58.66	56.77	55.00	53.30	51.74	50.27	48.87	47.55	46.30	45.11	44.00	42.91
.045	58.28	56.36	54.59	52.90	51.34	49.84	48.45	47.10	45.83	44.66	43.54	42.46
.05	57.91	55.99	54.18	52.50	50.88	49.39	47.99	46.65	45.39	44.20	43.06	42.00
.06	57.13	55.16	52.33	51.60	50.00	48.46	47.04	45.70	44.43	43.23	42.09	41.01
.07	56.28	54.27	52.40	50.66	49.02	47.50	46.04	44.69	43.42	42.21	41.07	39.99
.08	55.36	53.32	51.42	49.62	47.98	46.44	45.00	43.62	42.34	41.12	39.99	38.91
.09	54.40	52.29	50.36	48.55	46.86	45.32	43.86	42.50	41.20	39.99	38.84	37.77
.10	53.33	51.20	49.22	47.40	45.70	44.12	42.66	41.28	40.00	38.78	37.64	36.25
.11	52.17	50.00	48.00	46.15	44.44	42.85	41.37	40.00	38.70	37.50	36.36	35.29
.12	50.90	48.69	46.66	44.80	43.07	41.48	40.00	38.62	37.33	36.12	35.00	33.93
.13	49.52	47.26	45.20	43.73	41.60	39.99	38.50	37.13	35.85	34.66	33.54	32.50
.14	48.00	45.71	43.63	41.73	40.00	38.40	36.92	35.55	34.28	33.10	32.00	30.96
.15	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59	31.42	30.34	29.33
.16	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.62	28.57	27.58
.17	42.35	40.00	37.89	37.73	35.35	33.77	32.34	31.02	28.88	27.69	26.66	25.71
.18	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.61	23.70
.19	37.33	35.00	32.94	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40	21.53
.20	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00	19.20
.21	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39	16.66
.22	26.26	24.61	22.85	21.33	20.00	18.82	17.77	16.84	16.00	15.23	14.54	13.91
.23	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.45	10.90
.24	16.00	14.54	13.33	12.30	11.42	10.66	9.42	8.88	8.42	8.00	7.61	7.27
.25	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21	4.00

TO MAKE 80 LBS. OF A 27 PER CENT. BLEND.												
Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.												
TEST												
	28%	29%	30%	31%	32%	33%						
Skim	77.14	74.46	71.99	69.66	67.50	65.40						
.03	76.80	73.83	71.08	68.56	66.19	63.99						
.035	76.73	73.71	70.92	68.37	66.00	63.70						
.04	76.64	73.60	70.76	68.12	65.70	63.43						
.045	76.58	73.46	70.57	67.90	65.46	63.19						
.05	76.46	73.31	70.40	67.68	65.16	62.84						
.06	76.35	73.03	69.98	67.20	64.60	62.20						
.07	76.14	72.69	69.56	66.55	64.00	61.50						
.08	76.00	72.34	69.08	66.08	63.32	60.80						
.09	75.78	72.00	68.56	65.43	62.60	59.99						
.10	75.54	71.57	68.00	64.74	61.80	59.11						
.11	75.28	71.10	67.36	64.00	60.94	58.17						
.12	75.00	70.58	66.66	63.15	60.00	57.14						
.13	74.66	70.00	65.88	62.22	58.94	56.00						
.14	74.28	69.33	65.00	61.17	57.77	54.73						
.15	73.84	68.57	64.00	60.00	56.47	53.33						
.16	73.33	67.68	62.85	58.66	55.00	51.76						
.17	72.22	66.66	61.53	57.14	53.33	50.00						
.18	72.00	65.45	60.00	55.38	51.42	48.00						
.19	71.11	64.00	58.18	53.33	49.23	45.71						
.20	70.00	62.22	56.00	50.90	46.66	43.07						
.21	68.57	60.00	53.33	48.00	43.33	40.00						
.22	66.66	55.55	50.00	44.44	40.00	36.36						
.23	64.00	53.33	45.71	40.00	35.55	32.00						
.24	60.00	48.00	40.00	34.28	30.00	26.66						
.25	53.33	40.00	32.00	26.66	22.85	20.00						
.26	40.00	36.66	20.00	16.00	13.33	11.42						
TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	63.49	61.70	59.97	58.35	56.83	55.36	54.00	52.66	51.42	50.22	48.87	47.98
.03	61.92	60.00	58.14	56.44	54.84	53.31	51.87	50.51	49.21	48.00	46.81	45.71
.035	61.60	59.56	57.82	56.11	54.47	52.95	51.48	50.09	48.81	47.59	46.41	45.28
.04	61.32	59.34	57.50	55.72	54.09	52.56	51.09	49.71	48.41	47.16	46.00	44.86
.045	60.99	58.93	57.13	55.36	53.72	52.15	50.70	49.29	47.96	46.73	45.56	44.43
.05	60.67	58.66	56.76	55.00	53.30	51.74	50.27	48.87	47.55	46.30	45.11	44.00
.06	59.95	57.91	55.99	54.18	52.50	50.88	49.39	47.99	46.65	45.39	44.20	43.06
.07	59.24	57.13	55.16	53.33	51.60	50.00	48.46	47.04	45.70	44.43	43.23	42.09
.08	58.45	56.28	54.27	52.40	50.66	49.02	47.50	46.04	44.69	43.42	42.21	41.07
.09	57.60	55.36	53.32	51.42	49.62	47.98	46.44	45.00	43.62	42.34	41.12	39.99
.10	56.66	54.40	52.29	50.36	48.55	46.86	45.32	43.86	42.50	41.20	39.99	38.84
.11	55.64	53.33	51.20	49.22	47.40	45.70	44.12	42.66	41.28	40.00	38.78	37.64
.12	54.54	52.17	50.00	48.00	46.15	44.44	42.85	41.37	40.00	38.70	37.50	36.36
.13	53.33	50.90	48.69	46.66	44.80	43.07	41.48	40.00	38.62	37.33	36.12	35.00
.14	52.00	49.52	47.26	45.20	43.73	41.60	39.99	38.51	37.13	35.85	34.66	33.54
.15	50.52	48.00	45.71	43.63	41.73	40.00	38.40	36.92	35.55	34.28	33.10	32.00
.16	48.88	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59	31.42	30.34
.17	47.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.62	28.57
.18	45.00	42.35	40.00	37.89	37.73	35.34	33.77	32.34	31.02	28.88	27.69	26.66
.19	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60	24.61
.20	40.00	37.33	35.00	32.94	31.11	29.47	28.00	26.66	25.45	24.34	23.33	22.40
.21	36.92	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86	20.00
.22	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18	17.39
.23	29.09	26.66	24.61	22.85	21.33	20.00	18.82	17.77	16.84	16.00	15.23	14.54
.24	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00	11.45
.25	17.77	16.00	14.54	13.33	12.30	11.42	10.66	9.42	8.88	8.42	8.00	7.61
.26	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44	4.21

TO MAKE 80 LBS. OF A 28 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	29%	30%	31%	32%	33%
Skim	77.22	74.65	72.24	70.00	67.82
.03	76.92	74.04	71.42	68.95	66.66
.035	76.86	73.94	71.23	68.81	66.41
.04	76.80	73.83	71.08	68.56	66.20
.045	76.73	73.71	70.92	68.37	66.00
.05	76.64	73.60	70.76	68.12	65.70
.06	76.46	73.31	70.40	67.68	65.16
.07	76.35	73.03	69.98	67.20	64.60
.08	76.14	72.69	69.56	66.55	64.00
.09	76.00	72.34	69.08	66.08	63.32
.10	75.78	72.00	68.56	65.43	62.60
.11	75.54	71.57	68.00	64.74	61.80
.12	75.28	71.10	67.36	64.00	60.94
.13	75.00	70.58	66.66	63.15	60.00
.14	74.66	70.00	65.88	62.22	58.94
.15	74.23	69.33	65.00	61.17	57.77
.16	73.84	68.57	64.00	60.00	56.47
.17	73.33	67.68	62.85	58.66	55.00
.18	72.72	66.66	61.53	57.14	53.33
.19	72.00	65.45	60.00	55.38	51.42
.20	71.11	64.00	58.18	53.33	49.23
.21	70.00	62.22	56.00	50.90	46.66
.22	68.57	60.00	53.33	48.00	43.63
.23	66.66	55.55	50.00	44.44	40.00
.24	64.00	53.33	45.71	40.00	35.55
.25	60.00	48.00	40.00	34.28	30.00
.26	53.33	40.00	32.00	26.66	22.85
.27	40.00	36.66	20.00	16.00	13.33

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	65.84	63.98	62.19	60.51	58.93	57.41	56.00	54.61	53.33	52.08	50.67	49.76
.03	64.50	62.50	60.56	58.79	57.13	55.53	54.03	52.62	51.26	50.00	48.76	47.61
.035	64.22	62.20	60.28	58.50	56.79	55.21	53.67	52.22	50.89	49.61	48.38	47.21
.04	64.00	61.92	60.00	58.14	56.44	54.84	53.31	51.87	50.51	49.21	48.00	46.82
.045	63.70	61.60	59.66	57.82	56.11	54.47	52.95	51.48	50.09	48.81	47.59	46.41
.05	63.43	61.32	59.34	57.50	55.72	54.09	52.56	51.09	49.71	48.41	47.16	46.00
.06	62.84	60.67	58.66	56.76	55.00	53.30	51.74	50.27	48.87	47.55	46.30	45.12
.07	62.20	59.95	57.91	55.99	54.18	52.50	50.88	49.39	47.99	46.66	45.39	44.20
.08	61.50	59.24	57.13	55.16	53.33	51.60	50.00	48.46	47.04	45.70	44.43	43.23
.09	60.80	58.45	56.28	54.27	52.40	50.66	49.02	47.50	46.04	44.69	43.42	42.21
.10	59.99	57.60	55.36	53.32	51.42	49.62	47.98	46.44	45.00	43.62	42.34	41.12
.11	59.11	56.66	54.40	52.29	50.36	48.55	46.86	45.32	43.86	42.50	41.20	39.99
.12	58.17	55.64	53.33	51.20	49.22	47.40	45.70	44.12	42.66	41.28	40.00	38.78
.13	57.14	54.54	52.17	50.00	48.00	46.15	44.44	42.85	41.37	40.00	38.70	37.50
.14	56.00	53.33	50.90	48.69	46.66	44.80	43.07	41.48	40.00	38.62	37.33	36.12
.15	54.73	52.00	49.52	47.26	45.20	43.73	41.60	39.99	38.51	37.13	35.85	34.66
.16	53.33	50.52	48.00	45.71	43.63	41.73	40.00	38.40	36.92	35.55	34.28	33.10
.17	51.76	48.88	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59	31.42
.18	50.00	47.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76	29.72
.19	48.00	45.00	42.35	40.00	37.89	37.73	35.34	33.77	32.34	31.02	28.88	27.69
.20	45.71	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66	25.60
.21	43.07	40.00	37.33	35.00	32.94	31.11	29.47	28.00	26.66	25.45	24.34	23.33
.22	40.00	36.92	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81	20.86
.23	36.36	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04	18.18
.24	32.00	29.09	26.66	24.61	22.85	21.33	20.00	18.82	17.77	16.84	16.00	15.23
.25	26.66	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63	12.00
.26	20.00	17.77	16.00	14.54	13.33	12.30	11.42	10.66	9.42	8.88	8.42	8.00
.27	11.42	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70	4.44

TO MAKE 80 LBS. OF A 29 PER CENT BLEND.

Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST	30%	31%	32%	33%
Skim	77.32	74.82	72.50	70.24
.03	77.00	74.27	71.72	69.32
.035	76.96	74.19	71.62	69.12
.04	76.92	74.04	71.42	68.95
.045	76.86	73.94	71.28	68.81
.05	76.80	73.83	71.08	68.56
.06	76.64	73.60	70.76	68.12
.07	76.46	73.31	70.40	67.68
.08	76.35	73.03	69.98	67.20
.09	76.14	72.69	69.56	66.55
.10	76.00	72.34	69.08	66.08
.11	75.78	72.00	68.56	65.43
.12	75.54	71.57	68.00	64.74
.13	75.28	71.10	67.36	64.00
.14	75.00	70.58	66.66	63.15
.15	74.66	70.00	65.88	62.22
.16	74.28	69.33	65.00	61.17
.17	73.84	68.57	64.00	60.00
.18	73.33	67.68	62.85	58.66
.19	72.72	66.66	61.53	57.14
.20	72.00	65.45	60.00	55.38
.21	71.11	64.00	58.18	53.33
.22	70.00	62.22	56.00	50.90
.23	68.57	60.00	53.33	48.00
.24	66.66	55.55	50.00	44.44
.25	64.00	53.33	45.71	40.00
.26	60.00	48.00	40.00	34.28
.27	53.33	40.00	32.00	26.66
.28	40.00	36.66	20.00	16.00

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	68.19	66.27	64.41	62.67	61.04	59.46	58.00	56.56	55.24	53.94	52.47	51.53
.03	67.08	65.00	62.98	61.14	59.41	57.75	56.19	54.72	53.31	52.00	50.71	49.52
.035	66.84	64.74	62.74	60.89	59.11	57.46	55.86	54.35	52.96	51.64	50.36	49.13
.04	66.66	64.50	62.50	60.56	58.79	57.13	55.53	54.03	52.62	51.26	50.00	48.76
.045	66.41	64.22	62.20	60.28	58.50	56.78	55.21	53.67	52.22	50.89	49.61	48.38
.05	66.20	64.00	61.92	60.00	58.14	56.44	54.84	53.31	51.87	50.51	49.21	48.00
.06	65.70	63.43	61.32	59.34	57.50	55.72	54.09	52.56	51.09	49.71	48.41	47.16
.07	65.16	62.84	60.67	58.66	56.76	55.00	53.30	51.74	50.27	48.87	47.55	46.30
.08	64.60	62.20	59.95	57.91	55.99	54.18	52.50	50.88	49.39	47.99	46.66	45.39
.09	64.00	61.50	59.24	57.13	55.16	53.33	51.60	50.00	48.46	47.04	45.70	44.43
.10	63.32	50.80	58.45	56.28	54.27	52.40	50.66	49.02	47.50	46.04	44.69	43.42
.11	62.60	59.99	57.60	55.36	53.32	51.42	49.62	47.98	46.44	45.00	43.62	42.34
.12	61.80	59.11	56.66	54.40	52.29	50.36	48.55	46.86	45.32	43.86	42.50	41.20
.13	60.94	58.17	55.64	53.33	51.20	49.22	47.40	45.70	44.12	42.66	41.28	40.00
.14	60.00	57.14	54.54	52.17	50.00	48.00	46.15	44.44	42.85	41.37	40.00	38.70
.15	58.94	56.00	53.33	50.90	48.69	46.66	44.80	43.07	41.48	40.00	38.62	37.33
.16	57.77	54.73	52.00	49.52	47.26	45.20	43.73	41.60	39.99	38.51	37.13	35.85
.17	56.47	53.33	50.52	48.00	45.71	43.63	41.73	40.00	38.40	36.92	35.55	34.28
.18	55.00	51.76	48.88	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84	32.59
.19	53.33	50.00	47.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00	30.76
.20	51.42	48.00	45.00	42.35	40.00	37.89	37.73	35.34	33.77	32.34	31.02	28.88
.21	49.23	45.71	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82	26.66
.22	46.66	43.07	40.00	37.33	35.00	32.94	31.11	29.47	28.00	26.66	25.45	24.34
.23	43.63	40.00	36.92	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85	21.81
.24	40.00	36.36	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00	19.04
.25	35.55	32.00	29.09	26.66	24.61	22.85	21.35	20.00	18.82	17.77	16.84	16.00
.26	30.00	26.66	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33	12.63
.27	22.85	20.00	17.77	16.00	14.54	13.33	12.30	11.42	10.66	9.42	8.88	8.42
.28	13.33	11.42	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00	4.70

TO MAKE 80 LBS. OF A 30 PER. CENT BLEND.
Pounds of cream, testing 15 to 46 per cent, required in 80 lbs.

TEST													31%	32%	33%
Skim													77.40	75.00	72.66
.03													77.14	74.46	71.99
.035													77.10	74.43	71.83
.04													77.00	74.27	71.72
.045													76.96	74.19	71.62
.05													76.92	74.04	71.42
.06													76.80	73.83	71.08
.07													76.64	73.60	70.76
.08													76.46	73.31	70.40
.09													76.35	73.03	69.98
.10													76.14	72.69	69.56
.11													76.00	72.34	69.18
.12													75.78	72.00	68.56
.13													75.54	71.57	68.00
.14													75.28	71.10	67.36
.15													75.00	70.58	66.66
.16													74.66	70.00	65.88
.17													74.28	69.33	65.00
.18													73.84	68.57	64.00
.19													73.33	67.68	62.85
.20													72.72	66.66	61.53
.21													72.00	65.45	60.00
.22													71.11	64.00	58.18
.23													70.00	62.22	56.00
.24													68.57	60.00	53.33
.25													66.66	55.55	50.00
.26													64.00	53.33	45.71
.27													60.00	48.00	40.00
.28													53.33	40.00	32.00
.29													40.00	36.66	20.00

TEST	34%	35%	36%	37%	38%	39%	40%	41%	42%	43%	44%	45%
Skim	70.54	68.55	66.63	64.83	63.14	61.51	60.00	58.51	57.14	55.80	54.27	53.31
.03	69.66	67.50	65.40	63.49	61.70	59.97	58.35	56.83	55.36	54.00	52.66	51.42
.035	69.46	67.28	65.20	63.28	61.43	59.72	58.05	56.48	55.04	53.66	52.33	51.06
.04	69.32	67.08	65.00	62.98	61.14	59.41	57.75	56.19	54.72	53.31	52.00	50.71
.045	69.12	66.84	64.74	62.74	60.89	59.11	57.46	55.86	54.35	52.96	51.64	50.36
.05	68.95	66.66	64.50	62.50	60.56	58.79	57.13	55.53	54.03	52.62	51.26	50.00
.06	68.56	66.20	64.00	61.92	60.00	58.14	56.44	54.84	53.31	51.87	50.51	49.21
.07	68.12	65.70	63.43	61.32	59.34	57.50	55.72	54.09	52.56	51.09	49.71	48.41
.08	67.68	65.16	62.84	60.67	58.66	56.76	55.00	53.30	51.74	50.27	48.87	47.55
.09	67.20	64.60	62.20	59.95	57.91	55.99	54.18	52.50	50.88	49.39	47.99	46.66
.10	66.55	64.00	61.50	59.24	57.13	55.16	53.33	51.60	50.00	48.46	47.04	45.70
.11	66.08	63.32	60.80	58.45	56.28	54.27	52.40	50.66	49.02	47.50	46.04	44.69
.12	65.43	62.60	59.99	57.60	55.36	53.32	51.42	49.62	47.98	46.44	45.00	43.62
.13	64.74	61.80	59.11	56.66	54.40	52.29	50.36	48.55	46.86	45.32	43.86	42.50
.14	64.00	60.94	58.17	55.64	53.33	51.20	49.22	47.40	45.70	44.12	42.66	41.28
.15	63.15	60.00	57.14	54.54	52.17	50.00	48.00	46.15	44.44	42.85	41.37	40.00
.16	62.22	58.94	56.00	53.33	50.90	48.69	46.66	44.80	43.07	41.48	40.00	38.62
.17	61.17	57.77	54.73	52.00	49.52	47.26	45.20	43.73	41.60	39.99	38.51	37.13
.18	60.00	56.47	53.33	50.52	48.00	45.71	43.63	41.73	40.00	38.40	36.91	35.55
.19	58.66	55.00	51.76	48.88	46.31	44.00	41.90	40.00	38.26	36.66	35.20	33.84
.20	57.14	53.33	50.00	47.05	44.44	42.10	40.00	38.09	36.36	34.78	33.33	32.00
.21	55.38	50.42	48.00	45.00	42.35	40.00	37.89	37.73	35.34	33.77	32.34	31.02
.22	53.33	49.23	45.71	42.66	40.00	37.64	35.55	33.68	32.00	30.47	29.09	27.82
.23	50.90	46.66	43.07	40.00	37.33	35.00	32.94	31.11	29.47	28.00	26.66	25.45
.24	48.00	43.63	40.00	36.92	34.28	32.00	30.00	28.23	26.66	25.26	24.00	22.85
.25	44.44	40.00	36.36	33.33	30.76	28.57	26.66	25.00	23.52	22.22	21.05	20.00
.26	40.00	35.55	32.00	29.09	26.66	24.61	22.85	21.33	20.00	18.82	17.77	16.84
.27	34.28	30.00	26.66	24.00	21.81	20.00	18.46	17.14	16.00	15.00	14.11	13.33
.28	26.66	22.85	20.00	17.77	16.00	14.54	13.33	12.30	11.42	10.66	9.42	8.88
.29	16.00	13.33	11.42	10.00	8.88	8.00	7.27	6.66	6.15	5.71	5.33	5.00

MILK STANDARDIZATION TABLES.

The following tables are for standardizing milk to 3%, 3.5% and 4%.

In these tables 8 is the highest per cent used. However, any per cent of cream can be used; because, as the milk and cream tables are connected by 8%, the 8% blend can be used in connection with the milk tables.

The method of applying these tables is the same as given for the cream tables.

TO STANDARDIZE 80 LBS. AT 3 PER CENT.

No. of pounds of the higher test milk required in 80 lbs.

TEST												3.2%	3.4%	3.6%	3.8%	4%
Skim												75.00	70.58	66.66	63.15	60.00
TEST	4.2%	4.4%	4.6%	4.8%	5%	5.2%	5.4%	5.6%	5.8%	6%	7%	8%				
Skim	57.14	54.54	52.17	50.00	48.00	46.15	44.44	42.85	41.37	40.00	34.28	30.00				

TO STANDARDIZE 80 LBS. AT 3.5 PER CENT.

No. of pounds of the higher test milk required in 80 lbs.

TEST											3.6%	3.8%	4%
Skim											77.77	73.68	70.00
3%											66.66	50.00	40.00
3.2%											60.00	40.00	30.00
3.4%											40.00	20.00	13.33
TEST	4.2%	4.4%	4.6%	4.8%	5%	5.2%	5.4%	5.6%	5.8%	6%	7%	8%	
Skim	66.66	63.63	60.86	58.33	56.00	53.84	51.85	50.00	48.27	46.66	40.00	35.00	
3%	33.33	28.57	25.00	22.22	20.00	18.18	16.66	15.38	14.28	13.33	10.00	8.00	
3.2%	24.00	20.00	17.14	15.00	13.33	12.00	10.90	10.00	9.23	8.57	6.31	5.00	
3.4%	10.00	8.00	6.66	5.71	5.00	4.44	4.00	3.63	3.33	3.07	2.20	1.74	

TO STANDARDIZE 80 LBS. AT 4 PER CENT.

No. of pounds of the higher test milk required in 80 lbs.

TEST	4.2%	4.4%	4.6%	4.8%	5%	5.2%	5.4%	5.6%	5.8%	6%	7%	8%
Skim	76.19	72.72	69.56	66.66	64.00	61.53	59.25	57.14	55.17	53.33	45.71	40.00
3%	66.66	57.14	50.00	44.44	40.00	36.36	33.33	30.76	28.57	26.66	20.00	16.00
3.2%	64.00	53.33	45.71	40.00	35.55	32.00	29.09	26.66	24.61	22.85	16.84	13.33
3.4%	60.00	48.00	40.00	34.28	30.00	26.66	24.00	21.81	20.00	18.46	13.33	10.90
3.6%	53.33	40.00	32.00	26.66	22.85	20.00	17.77	16.00	14.54	13.33	9.41	7.27
3.8%	40.00	26.66	20.00	16.00	13.33	11.42	10.00	8.88	8.00	7.27	5.00	3.80

LIBRARY OF CONGRESS

0 000 895 279 6