# Correct

	Add or subtract.			
1	0 + 2 =	23	2 + 4 =	
2	2 + 2 =	24	2 + 6 =	
3	4 + 2 =	25	2 + 8 =	
4	6 + 2 =	26	2 + 10 =	
5	8 + 2 =	27	2 + 12 =	
6	10 + 2 =	28	2 + 14 =	
7	12 + 2 =	29	2 + 16 =	
8	14 + 2 =	30	2 + 18 =	
9	16 + 2 =	31	0 + 22 =	
10	18 + 2 =	32	22 + 22 =	
11	20 - 2 =	33	44 + 22 =	
12	18 - 2 =	34	66 + 22 =	
13	16 - 2 =	35	88 - 22 =	
14	14 - 2 =	36	66 - 22 =	
15	12 - 2 =	37	44 - 22 =	
16	10 - 2 =	38	22 - 22 =	
17	8 - 2 =	39	22 + 0 =	
18	6 - 2 =	40	22 + 22 =	
19	4 - 2 =	41	22 + 44 =	
20	2 - 2 =	42	66 + 22 =	
21	2 + 0 =	43	888 - 222 =	
22	2 + 2 =	44	666 - 222 =	
		@ Dill David		

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Lesson 2: Date:

Relate multiplication to the array model. 6/26/13



В	Add or subtract.	Improvemer	nt	# Correct
1	2 + 0 =	23	4 + 2 =	
2	2 + 2 =	24	6 + 2 =	
3	2 + 4 =	25	8 + 2 =	
4	2 + 6 =	26	10 + 2 =	
5	2 + 8 =	27	12 + 2 =	
6	2 + 10 =	28	14 + 2 =	
7	2 + 12 =	29	16 + 2 =	
8	2 + 14 =	30	18 + 2 =	
9	2 + 16 =	31	0 + 22 =	
10	2 + 18 =	32	22 + 22 =	
11	20 - 2 =	33	22 + 44 =	
12	18 - 2 =	34	66 + 22 =	
13	16 - 2 =	35	88 - 22 =	
14	14 - 2 =	36	66 - 22 =	
15	12 - 2 =	37	44 - 22 =	
16	10 - 2 =	38	22 - 22 =	
17	8 - 2 =	39	22 + 0 =	
18	6 - 2 =	40	22 + 22 =	
19	4 - 2 =	41	22 + 44 =	
20	2 - 2 =	42	66 + 22 =	
21	0 + 2 =	43	666 - 222 =	
22	2 + 2 =	44	888 - 222 =	



Lesson 2: Date:

Relate multiplication to the array model. 6/26/13



# Correct \_\_\_\_\_

	Solve.				
1	2 + 2 =	23	3	7 + 7 =	
2	2 twos =	24	4	2 sevens =	
3	5 + 5 =	25	5	9 + 9 =	
4	2 fives =	26	3	2 nines =	
5	2 + 2 + 2 =	27	7	8 + 8 =	
6	3 twos =	28	3	2 eights =	
7	2+2+2+2=	29	9	3 + 3 + 3 =	
8	4 twos =	30		3 threes =	
9	5 + 5 + 5 =	31	1	4 + 4 + 4 =	
10	3 fives =	32	2	3 fours =	
11	5 + 5 + 5 + 5 =	33	3	3 + 3 + 3 + 3 =	
12	4 fives =	34	1	4 threes =	
13	2 fours =	35	5	4 fives =	
14	4 + 4 =	36	3	4 + 4 + 4 + 4 + 4 =	
15	2 threes =	37	7	3 sixes =	
16	3 + 3 =	38	3	6 + 6 + 6 =	
17	2 sixes =	39	9	3 eights =	
18	6 + 6 =	40	)	8 + 8 + 8 =	
19	5 twos =	41	1	3 sevens =	
20	2+2+2+2+2=	42	2	7 + 7 + 7 =	
21	5 fives =	43	3	3 nines =	
22	5 + 5 + 5 + 5 + 5 =	44	4	9 + 9 + 9 =	

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Lesson 1: Date:

Interpret the meaning of factors—the size of the group or the number of groups. 6/26/13

engage<sup>ny</sup>

В	Solve.	Improvemen	t # Corre	ct
1	5 + 5 =	23	8 + 8 =	
2	2 fives =	24	2 eights =	
3	2 + 2 =	25	7 + 7 =	
4	2 twos =	26	2 sevens =	
5	5 + 5 + 5 =	27	9 + 9 =	
6	3 fives =	28	2 nines =	
7	5 + 5 + 5 + 5 =	29	3 + 3 + 3 + 3 =	
8	4 fives =	30	4 threes =	
9	2 + 2 + 2 =	31	4 + 4 + 4 =	
10	3 twos =	32	3 fours =	
11	2+2+2+2=	33	3 + 3 + 3 =	
12	4 twos =	34	3 threes =	
13	2 threes =	35	4 fives =	
14	3 + 3 =	36	4 + 4 + 4 + 4 + 4 =	
15	2 sixes =	37	3 sevens =	
16	6 + 6 =	38	7 + 7 + 7 =	
17	2 fours =	39	3 nines =	
18	4 + 4 =	40	9 + 9 + 9 =	
19	5 fives =	41	3 sixes =	
20	5 + 5 + 5 + 5 + 5 =	42	6 + 6 + 6 =	
21	5 twos =	43	3 eights =	
22	2+2+2+2+2=	44	8 + 8 + 8 =	

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Lesson 1: Date:

Interpret the meaning of factors—the size of the group or the number of groups.

engage<sup>ny</sup>

# Correct \_\_\_\_\_

Add or multiply		# Correct
5 + 5 + 5 =	23	3 + 3 + 3 + 3 =
3 x 5 =	24	4 x 3 =
5 x 3 =	25	3 x 4 =
2 + 2 + 2 =	26	3 + 3 + 3 =
3 x 2 =	27	3 x 3 =
2 x 3 =	28	3 + 3 + 3 + 3 + 3 =
5 + 5 =	29	5 x 3 =
2 x 5 =	30	3 x 5 =
5 x 2 =	31	7 + 7 =
2 + 2 + 2 + 2 =	32	2 x 7 =
4 x 2 =	33	7 x 2 =
2 x 4 =	34	9 + 9 =
2+2+2+2+2=	35	2 x 9 =
5 x 2 =	36	9 x 2 =
2 x 5 =	37	6 + 6 =
3 + 3 =	38	6 x 2 =
2 x 3 =	39	2 x 6 =
3 x 2 =	40	8 + 8 =
5 + 5 + 5 + 5 =	41	2 x 8 =
4 x 5 =	42	8 x 2 =
5 x 4 =	43	7 + 7 + 7 + 7 =
2 x 2 =	44	4 x 7 =
	3 x 5 = 5 x 3 = 2 + 2 + 2 = 3 x 2 = 2 x 3 = 5 + 5 = 2 x 5 = 5 x 2 = 2 + 2 + 2 + 2 = 4 x 2 = 2 x 4 = 2 + 2 + 2 + 2 + 2 = 5 x 2 = 2 x 5 = 3 + 3 = 2 x 3 = 3 x 2 = 5 + 5 + 5 + 5 = 4 x 5 = 5 x 4 =	$5+5+5= 24$ $3 \times 5 = 24$ $5 \times 3 = 25$ $2+2+2= 26$ $3 \times 2 = 27$ $2 \times 3 = 28$ $5+5= 29$ $2 \times 5 = 30$ $5 \times 2 = 31$ $2+2+2+2= 32$ $4 \times 2 = 33$ $2 \times 4 = 34$ $2+2+2+2+2= 35$ $5 \times 2 = 36$ $2 \times 5 = 37$ $3+3= 38$

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Lesson 4: Date:

Understand the meaning of the unknown as the size of the group in division. 6/26/13



В	Impro	ovemer	nt # Correct
1	2 + 2 + 2 =	23	4 + 4 + 4 =
2	3 x 2 =	24	3 x 4 =
3	2 x 3 =	25	4 x 3 =
4	5 + 5 + 5 =	26	4 + 4 + 4 + 4 =
5	3 x 5 =	27	4 x 4 =
6	5 x 3 =	28	4 + 4 + 4 + 4 + 4 =
7	2 + 2 + 2 + 2 =	29	4 x 5 =
8	4 x 2 =	30	5 x 4 =
9	2 x 4 =	31	6 + 6 =
10	5 + 5 =	32	6 x 2 =
11	2 x 5 =	33	2 x 6 =
12	5 x 2 =	34	8 + 8 =
13	3 + 3 =	35	2 x 8 =
14	2 x 3 =	36	8 x 2 =
15	3 x 2 =	37	7 + 7 =
16	2+2+2+2+2=	38	2 x 7 =
17	5 x 2 =	39	7 x 2 =
18	2 x 5 =	40	9 + 9 =
19	5 + 5 + 5 + 5 =	41	2 x 9 =
20	4 x 5 =	42	9 x 2 =
21	5 x 4 =	43	6+6+6+6=
22	2 x 2 =	44	4 x 6 =

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Lesson 4: Date:

Understand the meaning of the unknown as the size of the group in division. 6/26/13



# Correct

A	Solve.				# Correct
1	2 x 2 =	2	3	x 2 = 20	
2	3 x 2 =	24	4	x2 = 4	
3	4 x 2 =	25	5	x 2 = 6	
4	5 x 2 =	20	6	20 ÷ 2 =	
5	1 x 2 =	2	7	10 ÷ 2 =	
6	4 ÷ 2 =	2	8	2 ÷ 1 =	
7	6 ÷ 2 =	29	9	4 ÷ 2 =	
8	10 ÷ 2 =	30	0	6 ÷ 2 =	
9	2 ÷ 1 =	3	1	x 2 = 12	
10	8 ÷ 2 =	33	2	x 2 = 14	
11	6 x 2 =	33	3	x 2 = 18	
12	7 x 2 =	34	4	x 2 = 16	
13	8 x 2 =	3	5	14 ÷ 2 =	
14	9 x 2 =	30	6	18 ÷ 2 =	
15	10 x 2 =	3.	7	12 ÷ 2 =	
16	16 ÷ 2 =	38	8	16 ÷ 2 =	
17	14 ÷ 2 =	39	9	11 x 2 =	
18	18 ÷ 2 =	40	0	22 ÷ 2 =	
19	12 ÷ 2 =	4	1	12 x 2 =	
20	20 ÷ 2 =	4:	2	24 ÷ 2 =	
21	x 2 = 10	4:	3	14 x 2 =	
22	x 2 = 12	4	4	28 ÷ 2 =	

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Lesson 13: Date:

Interpret the quotient as the number of groups or the number of objects in each group using units of 3. 6/26/13



В	Solve.	Improvemer	nt	# Correct
1	1 x 2 =	23	x 2 = 4	
2	2 x 2 =	24	x 2 = 20	
3	3 x 2 =	25	x 2 = 6	
4	4 x 2 =	26	4 ÷ 2 =	
5	5 x 2 =	27	2 ÷ 1 =	
6	6 ÷ 2 =	28	20 ÷ 2 =	
7	4 ÷ 2 =	29	10 ÷ 2 =	
8	8 ÷ 2 =	30	6 ÷ 2 =	
9	2 ÷ 1 =	31	x 2 = 12	
10	10 ÷ 2 =	32	x 2 = 16	
11	10 x 2 =	33	x 2 = 18	
12	6 x 2 =	34	x 2 = 14	
13	7 x 2 =	35	16 ÷ 2 =	
14	8 x 2 =	36	18 ÷ 2 =	
15	9 x 2 =	37	12 ÷ 2 =	
16	14 ÷ 2 =	38	14 ÷ 2 =	
17	12 ÷ 2 =	39	11 x 2 =	
18	16 ÷ 2 =	40	22 ÷ 2 =	
19	20 ÷ 2 =	41	12 x 2 =	
20	18 ÷ 2 =	42	24 ÷ 2 =	
21	x 2 = 12	43	13 x 2 =	
22	x 2 = 10	44	26 ÷ 2 =	

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Lesson 13:

Date:

Interpret the quotient as the number of groups or the number of objects in each group using units of 3. 6/26/13



# Correct

A	Solve.		# Correct
1	2 x 3 =	23	3 x 3 = 30
2	3 x 3 =	24	x 3 = 6
3	4 x 3 =	25	5 x 3 = 9
4	5 x 3 =	26	30 ÷ 3 =
5	1 x 3 =	27	15 ÷ 3 =
6	6 ÷ 3 =	28	3 ÷ 1 =
7	9 ÷ 3 =	29	6 ÷ 3 =
8	15 ÷ 3 =	30	9 ÷ 3 =
9	3 ÷ 1 =	31	x 3 = 18
10	12 ÷ 3 =	32	2 x 3 = 21
11	6 x 3 =	33	3 x 3 = 27
12	7 x 3 =	34	x 3 = 24
13	8 x 3 =	35	5 21 ÷ 3 =
14	9 x 3 =	36	3 27 ÷ 3 =
15	10 x 3 =	37	18 ÷ 3 =
16	24 ÷ 3 =	38	3 24 ÷ 3 =
17	21 ÷ 3 =	39	11 x 3 =
18	27 ÷ 3 =	40	33 ÷ 3 =
19	18 ÷ 3 =	41	12 x 3 =
20	30 ÷ 3 =	42	2 36 ÷ 3 =
21	x 3 = 15	43	3 13 x 3 =
22	x 3 =12	44	39 ÷ 3 =

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Lesson 14:

Date:

Skip-Count objects in models to build fluency with multiplication facts using units of 4. 6/26/13



В

Improvement \_\_\_\_\_

# Correct

Solve.

	Solve.	 		
1	1 x 3 =	23	x 3 = 6	
2	2 x 3 =	24	x 3 = 30	
3	3 x 3 =	25	x 3 = 9	
4	4 x 3 =	26	6 ÷ 3 =	
5	5 x 3 =	27	3 ÷ 1 =	
6	9 ÷ 3 =	28	30 ÷ 3 =	
7	6 ÷ 3 =	29	15 ÷ 3 =	
8	12 ÷ 3 =	30	9 ÷ 3 =	
9	3 ÷ 1 =	31	x 3 = 18	
10	15 ÷ 3 =	32	x 3 = 24	
11	10 x 3 =	33	x 3 = 27	
12	6 x 3 =	34	x 3 = 21	
13	7 x 3 =	35	24 ÷ 3 =	
14	8 x 3 =	36	27 ÷ 3 =	
15	9 x 3 =	37	18 ÷ 3 =	
16	21 ÷ 3 =	38	21 ÷ 3 =	
17	18 ÷ 3 =	39	11 x 3 =	
18	24 ÷ 3 =	40	33 ÷ 3 =	
19	30 ÷ 3 =	41	12 x 3 =	
20	27 ÷ 3 =	42	36 ÷ 3 =	
21	x 3 = 12	43	13 x 3 =	
22	x 3 =15	 44	39 ÷ 3 =	

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Lesson 14:

Date:

Skip-Count objects in models to build fluency with multiplication facts using units of 4. 6/26/13



# Correct \_\_\_\_

1       2 x 4 =       23       x 4 = 40         2       3 x 4 =       24       x 4 = 8         3       4 x 4 =       25       x 4 = 12         4       5 x 4 =       26       40 ÷ 4 =         5       1 x 4 =       27       20 ÷ 4 =         6       8 ÷ 4 =       28       4 ÷ 1 =         7       12 ÷ 4 =       29       8 ÷ 4 =         8       20 ÷ 4 =       30       12 ÷ 4 =         9       4 ÷ 1 =       31       x 4 = 16         10       16 ÷ 4 =       32       x 4 = 28         11       6 x 4 =       33       x 4 = 36         12       7 x 4 =       34       x 4 = 32         13       8 x 4 =       35       28 ÷ 4 =         14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 = <th></th> <th>Multiply or divide.</th> <th></th> <th></th> <th></th>		Multiply or divide.			
3       4 x 4 =       25       x 4 = 12         4       5 x 4 =       26       40 ÷ 4 =         5       1 x 4 =       27       20 ÷ 4 =         6       8 ÷ 4 =       28       4 ÷ 1 =         7       12 ÷ 4 =       29       8 ÷ 4 =         8       20 ÷ 4 =       30       12 ÷ 4 =         9       4 ÷ 1 =       31       x 4 = 16         10       16 ÷ 4 =       32       x 4 = 28         11       6 x 4 =       33       x 4 = 36         12       7 x 4 =       34       x 4 = 32         13       8 x 4 =       35       28 ÷ 4 =         14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	1	2 x 4 =	23	x 4 = 4	10
4       5 x 4 =       26       40 ÷ 4 =         5       1 x 4 =       27       20 ÷ 4 =         6       8 ÷ 4 =       28       4 ÷ 1 =         7       12 ÷ 4 =       29       8 ÷ 4 =         8       20 ÷ 4 =       30       12 ÷ 4 =         9       4 ÷ 1 =       31       x 4 = 16         10       16 ÷ 4 =       32       x 4 = 28         11       6 x 4 =       33       x 4 = 36         12       7 x 4 =       34       x 4 = 32         13       8 x 4 =       35       28 ÷ 4 =         14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	2	3 x 4 =	24	x 4 =	8
5       1 x 4 =       27       20 ÷ 4 =         6       8 ÷ 4 =       28       4 ÷ 1 =         7       12 ÷ 4 =       29       8 ÷ 4 =         8       20 ÷ 4 =       30       12 ÷ 4 =         9       4 ÷ 1 =       31       _x 4 = 16         10       16 ÷ 4 =       32       _x 4 = 28         11       6 x 4 =       33       _x 4 = 36         12       7 x 4 =       34       _x 4 = 32         13       8 x 4 =       35       28 ÷ 4 =         14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       _x 4 = 20       43       14 x 4 =	3	4 x 4 =	25	x 4 = 1	2
6       8 ÷ 4 =       28       4 ÷ 1 =         7       12 ÷ 4 =       29       8 ÷ 4 =         8       20 ÷ 4 =       30       12 ÷ 4 =         9       4 ÷ 1 =       31       x 4 = 16         10       16 ÷ 4 =       32       x 4 = 28         11       6 x 4 =       33       x 4 = 36         12       7 x 4 =       34       x 4 = 32         13       8 x 4 =       35       28 ÷ 4 =         14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	4	5 x 4 =	26	40 ÷ 4 =	:
7       12 ÷ 4 =       29       8 ÷ 4 =         8       20 ÷ 4 =       30       12 ÷ 4 =         9       4 ÷ 1 =       31       x 4 = 16         10       16 ÷ 4 =       32       x 4 = 28         11       6 x 4 =       33       x 4 = 36         12       7 x 4 =       34       x 4 = 32         13       8 x 4 =       35       28 ÷ 4 =         14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	5	1 x 4 =	27	20 ÷ 4 =	:
8       20 ÷ 4 =       30       12 ÷ 4 =         9       4 ÷ 1 =       31       x 4 = 16         10       16 ÷ 4 =       32       x 4 = 28         11       6 x 4 =       33       x 4 = 36         12       7 x 4 =       34       x 4 = 32         13       8 x 4 =       35       28 ÷ 4 =         14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	6	8 ÷ 4 =	28	4 ÷ 1 =	
9	7	12 ÷ 4 =	29	8 ÷ 4 =	
10    16 ÷ 4 =	8	20 ÷ 4 =	30	12 ÷ 4 =	:
11     6 x 4 =     33     x 4 = 36       12     7 x 4 =     34     x 4 = 32       13     8 x 4 =     35     28 ÷ 4 =       14     9 x 4 =     36     36 ÷ 4 =       15     10 x 4 =     37     24 ÷ 4 =       16     32 ÷ 4 =     38     32 ÷ 4 =       17     28 ÷ 4 =     39     11 x 4 =       18     36 ÷ 4 =     40     44 ÷ 4 =       19     24 ÷ 4 =     41     12 ÷ 4 =       20     40 ÷ 4 =     42     48 ÷ 4 =       21     x 4 = 20     43     14 x 4 =	9	4 ÷ 1 =	31	x 4 = 1	6
12       7 x 4 =       34       x 4 = 32         13       8 x 4 =       35       28 ÷ 4 =         14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	10	16 ÷ 4 =	32	x 4 = 2	28
13     8 x 4 =     35     28 ÷ 4 =       14     9 x 4 =     36     36 ÷ 4 =       15     10 x 4 =     37     24 ÷ 4 =       16     32 ÷ 4 =     38     32 ÷ 4 =       17     28 ÷ 4 =     39     11 x 4 =       18     36 ÷ 4 =     40     44 ÷ 4 =       19     24 ÷ 4 =     41     12 ÷ 4 =       20     40 ÷ 4 =     42     48 ÷ 4 =       21     _ x 4 = 20     43     14 x 4 =	11	6 x 4 =	33	x 4 = 3	36
14       9 x 4 =       36       36 ÷ 4 =         15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       _x 4 = 20       43       14 x 4 =	12	7 x 4 =	34	x 4 = 3	32
15       10 x 4 =       37       24 ÷ 4 =         16       32 ÷ 4 =       38       32 ÷ 4 =         17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	13	8 x 4 =	35	28 ÷ 4 =	:
16       32 ÷ 4 =         17       28 ÷ 4 =         18       36 ÷ 4 =         19       24 ÷ 4 =         20       40 ÷ 4 =         21       x 4 = 20         38       32 ÷ 4 =         39       11 x 4 =         40       44 ÷ 4 =         41       12 ÷ 4 =         42       48 ÷ 4 =         21       x 4 = 20	14	9 x 4 =	36	36 ÷ 4 =	:
17       28 ÷ 4 =       39       11 x 4 =         18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	15	10 x 4 =	37	24 ÷ 4 =	:
18       36 ÷ 4 =       40       44 ÷ 4 =         19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	16	32 ÷ 4 =	38	32 ÷ 4 =	:
19       24 ÷ 4 =       41       12 ÷ 4 =         20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	17	28 ÷ 4 =	39	11 x 4 =	
20       40 ÷ 4 =       42       48 ÷ 4 =         21       x 4 = 20       43       14 x 4 =	18	36 ÷ 4 =	40	44 ÷ 4 =	:
21 x 4 = 20	19	24 ÷ 4 =	41	12 ÷ 4 =	:
	20	40 ÷ 4 =	42	48 ÷ 4 =	:
22 x 4 = 24	21	x 4 = 20	43	14 x 4 =	
	22	x 4 = 24	44	56 ÷ 4 =	:

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Lesson 17: Date:

Model the relationship between multiplication and division. 6/26/13



В	Improvement	# Correct
Multply or divide.		

	Multply or divide.				
1	1 x 4 =	23		x 4 = 8	
2	2 x 4 =	24		x 4 = 40	
3	3 x 4 =	25	5	x 4 = 12	
4	4 x 4 =	26		8 ÷ 4 =	
5	5 x 4 =	27	·	4 ÷ 1 =	
6	12 ÷ 4 =	28		40 ÷ 4 =	
7	8 ÷ 4 =	29		20 ÷ 4 =	
8	16 ÷ 4 =	30		12 ÷ 4 =	
9	4 ÷ 1 =	31		x 4 = 12	
10	20 ÷ 4 =	32	2	x 4 = 24	
11	10 x 4 =	33		x 4 = 36	
12	6 x 4 =	34		x 4 = 28	
13	7 x 4 =	35	5	32 ÷ 4 =	
14	8 x 4 =	36	5	36 ÷ 4 =	
15	9 x 4 =	37	·	24 ÷ 4 =	
16	28 ÷ 4 =	38		28 ÷ 4 =	
17	24 ÷ 4 =	39		11 x 4 =	
18	32 ÷ 4 =	40	1	44 ÷ 4 =	
19	40 ÷ 4 =	41		12 x 4 =	
20	36 ÷ 4 =	42	2	48 ÷ 4 =	
21	x 4 = 16	43		13 x 4 =	
22	x 4 = 20	44		52 ÷ 4 =	



Lesson 17: Date:

Model the relationship between multiplication and division. 6/26/13



Add or subtract

# Correct \_\_\_\_\_

	Add or subtract.				
1	0 + 5 =	23	3	10 + 5 =	
2	5 + 5 =	24	4	15 + 5 =	
3	10 + 5 =	25	5	20 + 5 =	
4	15 + 5 =	26	6	25 + 5 =	
5	20 + 5 =	27	7	30 + 5 =	
6	25 + 5 =	28	8	35 + 5 =	
7	30 + 5 =	29	9	40 + 5 =	
8	35 + 5 =	30	0	45 + 5 =	
9	40 + 5 =	3.	1	0 + 50 =	
10	45 + 5 =	32	2	50 + 50 =	
11	50 - 5 =	33	3	50 + 5 =	
12	45 - 5 =	34	4	55 + 5 =	
13	40 - 5 =	35	5	60 - 5 =	
14	35 - 5 =	36	6	55 - 5 =	
15	30 - 5 =	37	7	60 + 5 =	
16	25 - 5 =	38	8	65 + 5 =	
17	20 - 5 =	39	9	70 - 5 =	
18	15 - 5 =	40	0	65 - 5 =	
19	10 - 5 =	4	1	100 + 50 =	
20	5 - 5 =	42	2	150 + 50 =	
21	5 + 0 =	43	3	200 - 50 =	
22	5 + 5 =	44	4	150 - 50 =	

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Lesson 18: Date:

Apply the distributive property to decompose units. 6/26/13



1.F.7

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В	Add or subtract.	Improvemer	nt	# Correct
1	5 + 0 =	23	10 + 5 =	
2	5 + 5 =	24	15 + 5 =	
3	5 + 10 =	25	20 + 5 =	
4	5 + 15 =	26	25 + 5 =	
5	5 + 20 =	27	30 + 5 =	
6	5 + 25 =	28	35 + 5 =	
7	5 + 30 =	29	40 + 5 =	
8	5 + 35 =	30	45 + 5 =	
9	5 + 40 =	31	50 + 0	
10	5 + 45 =	32	50 + 50 =	
11	50 - 5 =	33	5 + 50 =	
12	45 - 5 =	34	5 + 55 =	
13	40 - 5 =	35	60 - 5 =	
14	35 - 5 =	36	55 - 5 =	
15	30 - 5 =	37	5 + 60 =	
16	25 - 5 =	38	5 + 65 =	
17	20 - 5 =	39	70 - 5 =	
18	15 - 5 =	40	65 - 5 =	
19	10 - 5 =	41	50 + 100 =	
20	5 - 5 =	42	50 + 150 =	
21	0 + 5 =	43	200 - 50 =	
22	5 + 5 =	44	150 - 50 =	



Lesson 18:

Apply the distributive property to decompose units. 6/26/13



Α	Fill-in the blank.			# Correct
1	0, 5,	23	35,, 45	
2	5, 10,	24		
3	10, 15,	25	40,, 50	
4	15, 20,	26	25,, 15	
5	20, 25,	27	50,, 40	
6	25, 30,	28	20,, 10	
7	30, 35,	29	45,, 35	
8	35, 40,	30	15,, 5	
9	40, 45,	31	40,, 30	
10	50, 45,	32	10,, 0	
11	45, 40,	33	35,, 25	
12	40, 35,	34	, 10, 5	
13	35, 30,	35	, 35, 30	
14	30, 25,	36	, 15, 10	
15	25, 20,	37	, 40, 35	
16	20, 15,	38	, 20, 15	
17	15, 10,	39	, 45, 40	
18	0,, 10	40	50, 55,	
19	25,, 35	41	45, 50,	
20	5,, 15	42	65,, 55	
21	30,, 40	43	55, 60,	
22	10,, 20	44	60, 65,	



Lesson 20:

Date:

Solve two-step word problems involving multiplication and division and assess the reasonableness of answers. 6/26/13



В	Fill-in the blank.	Improvemen	nt	# Correct
1	5, 10,	23	15,, 25	
2	10, 15,	24	35,, 45	
3	15, 20,	25	30,, 20	
4	20, 25,	26	25,, 15	
5	25, 30,	27	50,, 40	
6	30, 35,	28	20,, 10	
7	35, 40,	29	45,, 35	
8	40, 45,	30	15,, 5	
9	50, 45,	31	35,, 25	
10	45, 40,	32	10,, 0	
11	40, 35,	33	35,, 25	
12	35, 30,	34	, 15, 10	
13	30, 25,	35	, 40, 35	
14	25, 20,	36	, 20, 15	
15	20, 15,	37	, 45, 40	
16	15, 10,	38	, 10, 5	
17	0,, 10	39	, 35, 30	
18	25,, 35	40	45, 50,	
19	5,, 15	41	50, 55,	
20	30,, 40	42	55, 60,	
21	10,, 20	43	65,, 55	
22	35,, 45	44	, 60, 55	



Lesson 20:

Date:

Solve two-step word problems involving multiplication and division and assess the reasonableness of answers. 6/26/13

