Α	A # Correct					
1	2 x 10 =	23	x 10 = 100			
2	3 x 10 =	24	x 10 = 20			
3	4 x 10 =	25	x 10 = 30			
4	5 x 10 =	26	100 ÷ 10 =			
5	1 x 10 =	27	50 ÷ 10 =			
6	20 ÷ 10 =	28	10 ÷ 10 =			
7	30 ÷ 10 =	29	20 ÷ 10 =			
8	50 ÷ 10 =	30	30 ÷ 10 =			
9	10 ÷ 10 =	31	x 10 = 60			
10	40 ÷ 10 =	32	x 10 = 70			
11	6 x 10 =	33	x 10 = 90			
12	7 x 10 =	34	x 10 = 80			
13	8 x 10 =	35	70 ÷ 10 =			
14	9 x 10 =	36	90 ÷ 10 =			
15	10 x 10 =	37	60 ÷ 10 =			
16	80 ÷ 10 =	38	80 ÷ 10 =			
17	70 ÷ 10 =	39	11 x 10 =			
18	90 ÷ 10 =	40	110 ÷ 10 =			
19	60 ÷ 10 =	41	30 ÷ 10 =			
20	100 ÷ 10 =	42	120 ÷ 10 =			
21	x 10 = 50	43	14 x 10 =			
22	x 10 = 10	44	140 ÷ 10 =			



Lesson 1: Date:

Interpret a multiplication equation as a comparison. 6/28/13



1.A.8



В	Multiply or divide.	Improvemen	it	# Correct
1	1 x 10 =	23	x 10 = 20	
2	2 x 10 =	24	x 10 = 100	
3	3 x 10 =	25	x 10 = 30	
4	4 x 10 =	26	20 ÷ 10 =	
5	5 x 10 =	27	10 ÷ 10 =	
6	30 ÷ 10 =	28	100 ÷ 10 =	
7	20 ÷ 10 =	29	50 ÷ 10 =	
8	40 ÷ 10 =	30	30 ÷ 10 =	
9	10 ÷ 10 =	31	x 10 = 30	
10	50 ÷ 10 =	32	x 10 = 40	
11	10 x 10 =	33	x 10 = 90	
12	6 x 10 =	34	x 10 = 70	
13	7 x 10 =	35	80 ÷ 10 =	
14	8 x 10 =	36	90 ÷ 10 =	
15	9 x 10 =	37	60 ÷ 10 =	
16	70 ÷ 10 =	38	70 ÷ 10 =	
17	60 ÷ 10 =	39	11 x 10 =	
18	80 ÷ 10 =	40	110 ÷ 10 =	
19	100 ÷ 10 =	41	120 x 10 =	
20	90 ÷ 10 =	42	120 ÷ 10 =	
21	x 10 = 10	43	13 x 10 =	
22	x 10 = 50	44	130 ÷ 10 =	



Lesson 1: Date: Interpret a multiplication equation as a comparison. 6/28/13



1.A.9

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



Lesson 3:

Date:

Name numbers within 1 million by building understanding of the place value chart and placement of commas for naming base thousand units. 6/28/13



1.A.34



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



Lesson 3:

Date:

Name numbers within 1 million by building understanding of the place value chart and placement of commas for naming base thousand units. 6/28/13





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1 $1 \times 4 =$ 23 $10 \times 4 =$ 2 $4 \times 1 =$ 24 $9 \times 4 =$ 3 $2 \times 4 =$ 25 $4 \times 4 =$ 4 $4 \times 2 =$ 26 $8 \times 4 =$ 5 $3 \times 4 =$ 27 $4 \times 3 =$ 6 $4 \times 3 =$ 28 $7 \times 4 =$ 7 $4 \times 4 =$ 29 $6 \times 4 =$ 8 $5 \times 4 =$ 30 $4 \times 10 =$ 9 $4 \times 5 =$ 31 $4 \times 5 =$ 10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$ 22 $2 \times 4 =$ 44 $13 \times 4 =$	Α	Multiply.			# Correct
3 $2 \times 4 =$ 25 $4 \times 4 =$ 4 $4 \times 2 =$ 26 $8 \times 4 =$ 5 $3 \times 4 =$ 27 $4 \times 3 =$ 6 $4 \times 3 =$ 28 $7 \times 4 =$ 7 $4 \times 4 =$ 29 $6 \times 4 =$ 8 $5 \times 4 =$ 30 $4 \times 10 =$ 9 $4 \times 5 =$ 31 $4 \times 5 =$ 10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$			23	10 x 4 =	
4 $4 \times 2 =$ 26 $8 \times 4 =$ 5 $3 \times 4 =$ 27 $4 \times 3 =$ 6 $4 \times 3 =$ 28 $7 \times 4 =$ 7 $4 \times 4 =$ 29 $6 \times 4 =$ 8 $5 \times 4 =$ 30 $4 \times 10 =$ 9 $4 \times 5 =$ 31 $4 \times 5 =$ 10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	2	4 x 1 =	24	9 x 4 =	
5 $3 \times 4 =$ 27 $4 \times 3 =$ 6 $4 \times 3 =$ 28 $7 \times 4 =$ 7 $4 \times 4 =$ 29 $6 \times 4 =$ 8 $5 \times 4 =$ 30 $4 \times 10 =$ 9 $4 \times 5 =$ 31 $4 \times 5 =$ 10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	3	2 x 4 =	25	4 x 4 =	
6 $4 \times 3 =$ 28 $7 \times 4 =$ 7 $4 \times 4 =$ 29 $6 \times 4 =$ 8 $5 \times 4 =$ 30 $4 \times 10 =$ 9 $4 \times 5 =$ 31 $4 \times 5 =$ 10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 4011 $\times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	4	4 x 2 =	26	8 x 4 =	
7 $4 \times 4 =$ 29 $6 \times 4 =$ 8 $5 \times 4 =$ 30 $4 \times 10 =$ 9 $4 \times 5 =$ 31 $4 \times 5 =$ 10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	5	3 x 4 =	27	4 x 3 =	
8 $5 \times 4 =$ 30 $4 \times 10 =$ 9 $4 \times 5 =$ 31 $4 \times 5 =$ 10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	6	4 x 3 =	28	7 x 4 =	
9 $4 \times 5 =$ 31 $4 \times 5 =$ 10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	7	4 x 4 =	29	6 x 4 =	
10 $6 \times 4 =$ 32 $4 \times 6 =$ 11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	8	5 x 4 =	30	4 x 10 =	
11 $4 \times 6 =$ 33 $4 \times 1 =$ 12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	9	4 x 5 =	31	4 x 5 =	
12 $7 \times 4 =$ 34 $4 \times 9 =$ 13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	10	6 x 4 =	32	4 x 6 =	
13 $4 \times 7 =$ 35 $4 \times 4 =$ 14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	11	4 x 6 =	33	4 x 1 =	
14 $8 \times 4 =$ 36 $4 \times 3 =$ 15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	12	7 x 4 =	34	4 x 9 =	
15 $4 \times 8 =$ 37 $4 \times 2 =$ 16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	13	4 x 7 =	35	4 x 4 =	
16 $9 \times 4 =$ 38 $4 \times 7 =$ 17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	14	8 x 4 =	36	4 x 3 =	
17 $4 \times 9 =$ 39 $4 \times 8 =$ 18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	15	4 x 8 =	37	4 x 2 =	
18 $10 \times 4 =$ 40 $11 \times 4 =$ 19 $4 \times 10 =$ 41 $4 \times 11 =$ 20 $4 \times 3 =$ 42 $12 \times 4 =$ 21 $1 \times 4 =$ 43 $4 \times 12 =$	16	9 x 4 =	38	4 x 7 =	
19 4 x 10 = 41 4 x 11 = 20 4 x 3 = 42 12 x 4 = 21 1 x 4 = 43 4 x 12 =	17	4 x 9 =	39	4 x 8 =	
20 4 x 3 = 42 12 x 4 = 21 1 x 4 = 43 4 x 12 =	18	10 x 4 =	40	11 x 4 =	
21 1 x 4 = 43 4 x 12 =	19	4 x 10 =	41	4 x 11 =	
	20	4 x 3 =	42	12 x 4 =	
22 2 x 4 = 44 13 x 4 =	21	1 x 4 =	43	4 x 12 =	
	22	2 x 4 =	44	13 x 4 =	

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Lesson 5: Date:

Compare numbers based on meanings of the digits, using >, <, or = to record the comparison. 6/28/13



1.B.7

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```

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



Lesson 5: Date:

Compare numbers based on meanings of the digits, using >, <, or = to record the comparison. 6/28/13



1.B.8

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```

Α Find the halfway point. # Correct _____

1	0	10	23	6000	7000
2	0	100	24	600	700
3	0	1000	25	60	70
4	10	20	26	260	270
5	100	200	27	9260	9270
6	1000	2000	28	80	90
7	30	40	29	90	100
8	300	400	30	990	1000
9	400	500	31	9990	10,000
10	20	30	32	440	450
11	30	40	33	8300	8400
12	40	50	34	680	690
13	50	60	35	9400	9500
14	500	600	36	3900	4000
15	5000	6000	37	2450	2460
16	200	300	38	7080	7090
17	300	400	39	3200	3210
18	700	800	40	8630	8640
19	5700	5800	41	8190	8200
20	70	80	42	2510	2520
21	670	680	43	4890	4900
22	6700	6800	44	6660	6670

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Lesson 8: Date:

Round multi-digit numbers to any place value using the vertical number line. 6/28/13



1.C.17