A

Correct _____

Solve.

1	2 x 2 =		23	3 x ___ = 21	
2	2 x ___ = 4		24	3 x 3 =	
3	3 x 3 =		25	4 x ___ = 20	
4	3 x ___ = 9		26	4 x ___ = 32	
5	5 x 5 =		27	4 x 4 =	
6	5 x ___ = 25		28	5 x ___ = 20	
7	1 x ___ = 1		29	5 x ___ = 40	
8	1 x 1 =		30	5 x 5 =	
9	4 x ___ = 16		31	6 x ___ = 18	
10	4 x 4 =		32	6 x ___ = 54	
11	7 x ___ = 49		33	6 x 6 =	
12	7 x 7 =		34	7 x ___ = 28	
13	8 x 8 =		35	7 x ___ = 56	
14	8 x ___ = 64		36	7 x 7 =	
15	10 x 10 =		37	8 x ___ = 24	
16	10 x ___ = 100		38	8 x ___ = 72	
17	9 x ___ = 81		39	8 x 8 =	
18	9 x 9 =		40	9 x ___ = 36	
19	2 x ___ = 10		41	9 x ___ = 63	
20	2 x ___ = 18		42	9 x 9 =	
21	2 x 2 =		43	9 x ___ = 54	
22	3 x ___ = 12		44	10 x 10 =	

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3.A.37

B

Improvement _____   # Correct _____

Solve.

1	5 x 5 =		23	3 x __ = 24	
2	5 x __ = 25		24	3 x 3 =	
3	2 x 2 =		25	4 x __ = 12	
4	2 x __ = 4		26	4 x __ = 28	
5	3 x 3 =		27	4 x 4 =	
6	3 x __ = 9		28	5 x __ = 10	
7	1 x 1 =		29	5 x __ = 35	
8	1 x __ = 1		30	5 x 5 =	
9	4 x __ = 16		31	6 x __ = 24	
10	4 x 4 =		32	6 x __ = 48	
11	6 x __ = 36		33	6 x 6 =	
12	6 x 6 =		34	7 x __ = 21	
13	9 x 9 =		35	7 x __ = 63	
14	9 x __ = 81		36	7 x 7 =	
15	10 x 10 =		37	8 x __ = 32	
16	10 x __ = 100		38	8 x __ = 56	
17	7 x __ = 49		39	8 x 8 =	
18	7 x 7 =		40	9 x __ = 27	
19	2 x __ = 8		41	9 x __ = 72	
20	2 x __ = 16		42	9 x 9 =	
21	2 x 2 =		43	9 x __ = 63	
22	3 x __ = 15		44	10 x 10 =	

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3.A.38

A

Correct _____

Multiply.

1	3 x 2 =		23	7 x 5 =	
2	30 x 2 =		24	700 x 5 =	
3	300 x 2 =		25	8 x 3 =	
4	3000 x 2 =		26	80 x 3 =	
5	2 x 3000 =		27	9 x 4 =	
6	2 x 4 =		28	9000 x 4 =	
7	2 x 40 =		29	7 x 6 =	
8	2 x 400 =		30	7 x 600 =	
9	2 x 4000 =		31	8 x 9 =	
10	3 x 3 =		32	8 x 90 =	
11	30 x 3 =		33	6 x 9 =	
12	300 x 3 =		34	6 x 9000 =	
13	3000 x 3 =		35	900 x 9 =	
14	4000 x 3 =		36	8000 x 8 =	
15	400 x 3 =		37	7 x 70 =	
16	40 x 3 =		38	6 x 600 =	
17	5 x 3 =		39	800 x 7 =	
18	500 x 3 =		40	7 x 9000 =	
19	7 x 2 =		41	200 x 5 =	
20	70 x 2 =		42	5 x 60 =	
21	4 x 4 =		43	4000 x 5 =	
22	4000 x 4 =		44	800 x 5 =	

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B   Improvement _____   # Correct _____

Multiply.

1	4 x 2 =		23	9 x 5 =	
2	40 x 2 =		24	900 x 5 =	
3	400 x 2 =		25	8 x 4 =	
4	4000 x 2 =		26	80 x 4 =	
5	2 x 4000 =		27	9 x 3 =	
6	3 x 3 =		28	9000 x 3 =	
7	3 x 30 =		29	6 x 7 =	
8	3 x 300 =		30	6 x 700 =	
9	3 x 3000 =		31	8 x 7 =	
10	2 x 3 =		32	8 x 70 =	
11	20 x 3 =		33	9 x 6 =	
12	200 x 3 =		34	9 x 6000 =	
13	2000 x 3 =		35	800 x 8 =	
14	3000 x 4 =		36	9000 x 9 =	
15	300 x 4 =		37	7 x 700 =	
16	30 x 4 =		38	6 x 60 =	
17	3 x 5 =		39	700 x 8 =	
18	30 x 5 =		40	9 x 7000 =	
19	6 x 2 =		41	20 x 5 =	
20	60 x 2 =		42	5 x 600 =	
21	4 x 4 =		43	400 x 5 =	
22	400 x 4 =		44	8000 x 5 =	

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Lesson 7:   Use place value disks to represent two-digit by one-digit multiplication.

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A

Multiply.

Correct _____

1	1 x 4 =		23	21 x 3 =	
2	10 x 4 =		24	121 x 3 =	
3	11 x 4 =		25	42 x 2 =	
4	1 x 2 =		26	142 x 2 =	
5	20 x 2 =		27	242 x 2 =	
6	21 x 2 =		28	342 x 2 =	
7	2 x 3 =		29	442 x 2 =	
8	30 x 3 =		30	3 x 3 =	
9	32 x 3 =		31	13 x 3 =	
10	3 x 5 =		32	213 x 3 =	
11	20 x 5 =		33	1213 x 3 =	
12	23 x 5 =		34	2113 x 3 =	
13	3 x 3 =		35	2131 x 3 =	
14	40 x 3 =		36	2311 x 3 =	
15	43 x 3 =		37	24 x 4 =	
16	4 x 2 =		38	35 x 5 =	
17	70 x 2 =		39	54 x 3 =	
18	74 x 2 =		40	63 x 6 =	
19	2 x 3 =		41	125 x 4 =	
20	60 x 3 =		42	214 x 3 =	
21	62 x 3 =		43	5213 x 2 =	
22	63 x 3 =		44	2135 x 4 =	

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Lesson 13: Use multiplication, addition, or subtraction to solve multi-step word problems.

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3.D.20

B

Improvement _____   # Correct _____

Multiply.

1	1 x 6 =		23	21 x 4 =	
2	10 x 6 =		24	121 x 4 =	
3	11 x 6 =		25	24 x 2 =	
4	1 x 2 =		26	124 x 2 =	
5	30 x 2 =		27	224 x 2 =	
6	31 x 2 =		28	324 x 2 =	
7	3 x 3 =		29	424 x 2 =	
8	20 x 3 =		30	3 x 2 =	
9	23 x 3 =		31	13 x 2 =	
10	5 x 5 =		32	213 x 2 =	
11	20 x 5 =		33	1213 x 2 =	
12	25 x 5 =		34	2113 x 2 =	
13	4 x 4 =		35	2131 x 2 =	
14	30 x 4 =		36	2311 x 2 =	
15	34 x 4 =		37	23 x 4 =	
16	4 x 2 =		38	53 x 5 =	
17	90 x 2 =		39	45 x 3 =	
18	94 x 2 =		40	36 x 6 =	
19	2 x 3 =		41	215 x 3 =	
20	40 x 3 =		42	125 x 4 =	
21	42 x 3 =		43	5312 x 2 =	
22	43 x 3 =		44	1235 x 4 =	

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Lesson 13:   Use multiplication, addition, or subtraction to solve multi-step word problems.
Date: 8/28/13

engage^{ny}   3.D.21

A

Add.

Correct _____

1	20 ÷ 2 =		23	68 ÷ 2 =	
2	4 ÷ 2 =		24	96 ÷ 3 =	
3	24 ÷ 2 =		25	86 ÷ 2 =	
4	30 ÷ 3 =		26	93 ÷ 3 =	
5	6 ÷ 3 =		27	88 ÷ 4 =	
6	36 ÷ 3 =		28	99 ÷ 3 =	
7	40 ÷ 4 =		29	66 ÷ 3 =	
8	8 ÷ 4 =		30	66 ÷ 2 =	
9	48 ÷ 4 =		31	40 ÷ 4 =	
10	2 ÷ 2 =		32	80 ÷ 4 =	
11	40 ÷ 2 =		33	60 ÷ 4 =	
12	42 ÷ 2 =		34	68 ÷ 4 =	
13	3 ÷ 3 =		35	20 ÷ 2 =	
14	60 ÷ 3 =		36	40 ÷ 2 =	
15	63 ÷ 3 =		37	30 ÷ 2 =	
16	4 ÷ 4 =		38	36 ÷ 2 =	
17	80 ÷ 4 =		39	30 ÷ 3 =	
18	84 ÷ 4 =		40	39 ÷ 3 =	
19	40 ÷ 5 =		41	45 ÷ 3 =	
20	50 ÷ 5 =		42	60 ÷ 3 =	
21	60 ÷ 5 =		43	57 ÷ 3 =	
22	70 ÷ 5 =		44	51 ÷ 3 =	

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3.E.66

B

Add.

Improvement _____   # Correct _____

1	30 ÷ 3 =		23	86 ÷ 2 =	
2	9 ÷ 3 =		24	69 ÷ 3 =	
3	39 ÷ 3 =		25	68 ÷ 2 =	
4	20 ÷ 2 =		26	96 ÷ 3 =	
5	6 ÷ 2 =		27	66 ÷ 3 =	
6	26 ÷ 2 =		28	99 ÷ 3 =	
7	80 ÷ 4 =		29	88 ÷ 4 =	
8	4 ÷ 4 =		30	88 ÷ 2 =	
9	84 ÷ 4 =		31	40 ÷ 4 =	
10	2 ÷ 2 =		32	80 ÷ 4 =	
11	60 ÷ 2 =		33	60 ÷ 4 =	
12	62 ÷ 2 =		34	64 ÷ 4 =	
13	3 ÷ 3 =		35	20 ÷ 2 =	
14	90 ÷ 3 =		36	40 ÷ 2 =	
15	93 ÷ 3 =		37	30 ÷ 2 =	
16	8 ÷ 4 =		38	38 ÷ 2 =	
17	40 ÷ 4 =		39	30 ÷ 3 =	
18	48 ÷ 4 =		40	36 ÷ 3 =	
19	50 ÷ 5 =		41	42 ÷ 3 =	
20	60 ÷ 5 =		42	60 ÷ 3 =	
21	70 ÷ 5 =		43	54 ÷ 3 =	
22	80 ÷ 5 =		44	48 ÷ 3 =	

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A

Correct _____

1	8 ÷ 2	Q = _____ R = _____	23	6 ÷ 2	Q = _____ R = _____
2	9 ÷ 2	Q = _____ R = _____	24	7 ÷ 2	Q = _____ R = _____
3	4 ÷ 4	Q = _____ R = _____	25	3 ÷ 3	Q = _____ R = _____
4	5 ÷ 4	Q = _____ R = _____	26	4 ÷ 3	Q = _____ R = _____
5	7 ÷ 5	Q = _____ R = _____	27	6 ÷ 4	Q = _____ R = _____
6	8 ÷ 5	Q = _____ R = _____	28	7 ÷ 4	Q = _____ R = _____
7	5 ÷ 3	Q = _____ R = _____	29	6 ÷ 6	Q = _____ R = _____
8	6 ÷ 3	Q = _____ R = _____	30	7 ÷ 6	Q = _____ R = _____
9	8 ÷ 4	Q = _____ R = _____	31	4 ÷ 2	Q = _____ R = _____
10	9 ÷ 4	Q = _____ R = _____	32	5 ÷ 2	Q = _____ R = _____
11	2 ÷ 2	Q = _____ R = _____	33	9 ÷ 3	Q = _____ R = _____
12	3 ÷ 2	Q = _____ R = _____	34	9 ÷ 5	Q = _____ R = _____
13	7 ÷ 3	Q = _____ R = _____	35	7 ÷ 7	Q = _____ R = _____
14	8 ÷ 3	Q = _____ R = _____	36	9 ÷ 9	Q = _____ R = _____
15	9 ÷ 3	Q = _____ R = _____	37	13 ÷ 4	Q = _____ R = _____
16	8 ÷ 6	Q = _____ R = _____	38	18 ÷ 5	Q = _____ R = _____
17	9 ÷ 6	Q = _____ R = _____	39	21 ÷ 6	Q = _____ R = _____
18	5 ÷ 5	Q = _____ R = _____	40	24 ÷ 7	Q = _____ R = _____
19	6 ÷ 5	Q = _____ R = _____	41	29 ÷ 8	Q = _____ R = _____
20	8 ÷ 8	Q = _____ R = _____	42	43 ÷ 6	Q = _____ R = _____
21	9 ÷ 8	Q = _____ R = _____	43	53 ÷ 6	Q = _____ R = _____
22	9 ÷ 9	Q = _____ R = _____	44	82 ÷ 9	Q = _____ R = _____

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3.E.92

B | Improvement _____ | # Correct _____

1	9 ÷ 8	Q = _____ R = _____	23	4 ÷ 2	Q = _____ R = _____
2	8 ÷ 8	Q = _____ R = _____	24	5 ÷ 2	Q = _____ R = _____
3	9 ÷ 6	Q = _____ R = _____	25	8 ÷ 4	Q = _____ R = _____
4	8 ÷ 6	Q = _____ R = _____	26	9 ÷ 4	Q = _____ R = _____
5	5 ÷ 5	Q = _____ R = _____	27	9 ÷ 3	Q = _____ R = _____
6	6 ÷ 5	Q = _____ R = _____	28	8 ÷ 3	Q = _____ R = _____
7	7 ÷ 4	Q = _____ R = _____	29	9 ÷ 5	Q = _____ R = _____
8	6 ÷ 4	Q = _____ R = _____	30	6 ÷ 6	Q = _____ R = _____
9	5 ÷ 3	Q = _____ R = _____	31	7 ÷ 6	Q = _____ R = _____
10	6 ÷ 3	Q = _____ R = _____	32	9 ÷ 9	Q = _____ R = _____
11	2 ÷ 2	Q = _____ R = _____	33	7 ÷ 7	Q = _____ R = _____
12	3 ÷ 2	Q = _____ R = _____	34	9 ÷ 2	Q = _____ R = _____
13	3 ÷ 3	Q = _____ R = _____	35	8 ÷ 2	Q = _____ R = _____
14	4 ÷ 3	Q = _____ R = _____	36	37 ÷ 8	Q = _____ R = _____
15	8 ÷ 7	Q = _____ R = _____	37	50 ÷ 9	Q = _____ R = _____
16	9 ÷ 7	Q = _____ R = _____	38	17 ÷ 6	Q = _____ R = _____
17	4 ÷ 4	Q = _____ R = _____	39	48 ÷ 7	Q = _____ R = _____
18	5 ÷ 4	Q = _____ R = _____	40	51 ÷ 8	Q = _____ R = _____
19	6 ÷ 2	Q = _____ R = _____	41	68 ÷ 9	Q = _____ R = _____
20	7 ÷ 2	Q = _____ R = _____	42	53 ÷ 6	Q = _____ R = _____
21	8 ÷ 5	Q = _____ R = _____	43	61 ÷ 8	Q = _____ R = _____
22	7 ÷ 5	Q = _____ R = _____	44	70 ÷ 9	Q = _____ R = _____

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A   # Correct _____

Circle the prime number.

1	4	3	23	40	41	42
2	6	3	24	42	43	44
3	8	3	25	49	47	45
4	5	10	26	53	50	55
5	5	12	27	54	56	59
6	5	14	28	99	97	95
7	8	7	29	90	92	91
8	9	11	30	95	96	97
9	11	15	31	88	89	90
10	15	17	32	60	61	62
11	19	16	33	63	65	67
12	14	11	34	71	70	69
13	13	12	35	73	75	77
14	18	17	36	49	79	99
15	19	20	37	63	93	83
16	21	23	38	22	2	12
17	25	19	39	17	27	57
18	29	27	40	5	15	25
19	31	30	41	39	49	59
20	33	37	42	1	21	31
21	9	2	43	51	57	2
22	51	2	44	84	95	43

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B   Improvement _____   # Correct _____

Circle the prime number.

1	4	5		23	42	41	40
2	6	5		24	44	43	42
3	8	5		25	45	47	49
4	7	10		26	53	55	50
5	7	12		27	56	54	59
6	7	14		28	95	97	99
7	4	3		29	90	91	92
8	11	10		30	99	98	97
9	15	11		31	90	89	88
10	17	15		32	67	65	63
11	19	20		33	62	61	60
12	14	13		34	72	71	70
13	11	12		35	77	75	73
14	16	17		36	27	67	77
15	19	18		37	39	49	59
16	22	23		38	32	2	22
17	21	19		39	19	49	69
18	29	28		40	5	15	55
19	31	33		41	99	49	59
20	35	37		42	1	21	41
21	2	9		43	45	51	2
22	57	2		44	48	85	67

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engage**ny**   3.G.23

A

Divide.   # Correct _____

1	6 ÷ 2 =		23	300 ÷ 5 =	
2	60 ÷ 2 =		24	3000 ÷ 5 =	
3	600 ÷ 2 =		25	16 ÷ 4 =	
4	6000 ÷ 2 =		26	160 ÷ 4 =	
5	9 ÷ 3 =		27	18 ÷ 6 =	
6	90 ÷ 3 =		28	1800 ÷ 6 =	
7	900 ÷ 3 =		29	28 ÷ 7 =	
8	9000 ÷ 3 =		30	280 ÷ 7 =	
9	10 ÷ 5 =		31	48 ÷ 8 =	
10	15 ÷ 5 =		32	4800 ÷ 8 =	
11	150 ÷ 5 =		33	6300 ÷ 9 =	
12	1500 ÷ 5 =		34	200 ÷ 5 =	
13	2500 ÷ 5 =		35	560 ÷ 7 =	
14	3500 ÷ 5 =		36	7200 ÷ 9 =	
15	4500 ÷ 5 =		37	480 ÷ 6 =	
16	450 ÷ 5 =		38	5600 ÷ 8 =	
17	8 ÷ 4 =		39	400 ÷ 5 =	
18	12 ÷ 4 =		40	6300 ÷ 7 =	
19	120 ÷ 4 =		41	810 ÷ 9 =	
20	1200 ÷ 4 =		42	640 ÷ 8 =	
21	25 ÷ 5 =		43	5400 ÷ 6 =	
22	30 ÷ 5 =		44	4000 ÷ 5 =	

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Lesson 31: Interpret division word problems as either *number of groups unknown* or *group size unknown*.

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engage^ny   **3.G.66**

B   Divide ~~XXXXX~~   Improvement _____   # Correct _____

1	4 ÷ 2 =		23	200 ÷ 5 =	
2	40 ÷ 2 =		24	2000 ÷ 5 =	
3	400 ÷ 2 =		25	12 ÷ 4 =	
4	4000 ÷ 2 =		26	120 ÷ 4 =	
5	6 ÷ 3 =		27	21 ÷ 7 =	
6	60 ÷ 3 =		28	2100 ÷ 7 =	
7	600 ÷ 3 =		29	18 ÷ 6 =	
8	6000 ÷ 3 =		30	180 ÷ 6 =	
9	10 ÷ 5 =		31	54 ÷ 9 =	
10	15 ÷ 5 =		32	5400 ÷ 9 =	
11	150 ÷ 5 =		33	5600 ÷ 8 =	
12	250 ÷ 5 =		34	300 ÷ 5 =	
13	350 ÷ 5 =		35	490 ÷ 7 =	
14	3500 ÷ 5 =		36	6300 ÷ 9 =	
15	4500 ÷ 5 =		37	420 ÷ 6 =	
16	450 ÷ 5 =		38	4800 ÷ 8 =	
17	9 ÷ 3 =		39	4000 ÷ 5 =	
18	12 ÷ 3 =		40	560 ÷ 8 =	
19	120 ÷ 3 =		41	6400 ÷ 8 =	
20	1200 ÷ 3 =		42	720 ÷ 8 =	
21	25 ÷ 5 =		43	4800 ÷ 6 =	
22	20 ÷ 5 =		44	400 ÷ 5 =	

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engage^{ny}   3.G.67