

G4 Templates

Module 3
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Lesson 3

A

Number Correct: _____

Squares and Unknown Factors

1.	$2 \times 2 =$	
2.	$2 \times \underline{\quad} = 4$	
3.	$3 \times 3 =$	
4.	$3 \times \underline{\quad} = 9$	
5.	$5 \times 5 =$	
6.	$5 \times \underline{\quad} = 25$	
7.	$1 \times \underline{\quad} = 1$	
8.	$1 \times 1 =$	
9.	$4 \times \underline{\quad} = 16$	
10.	$4 \times 4 =$	
11.	$7 \times \underline{\quad} = 49$	
12.	$7 \times 7 =$	
13.	$8 \times 8 =$	
14.	$8 \times \underline{\quad} = 64$	
15.	$10 \times 10 =$	
16.	$10 \times \underline{\quad} = 100$	
17.	$9 \times \underline{\quad} = 81$	
18.	$9 \times 9 =$	
19.	$2 \times \underline{\quad} = 10$	
20.	$2 \times \underline{\quad} = 18$	
21.	$2 \times 2 =$	
22.	$3 \times \underline{\quad} = 12$	

23.	$3 \times \underline{\quad} = 21$	
24.	$3 \times 3 =$	
25.	$4 \times \underline{\quad} = 20$	
26.	$4 \times \underline{\quad} = 32$	
27.	$4 \times 4 =$	
28.	$5 \times \underline{\quad} = 20$	
29.	$5 \times \underline{\quad} = 40$	
30.	$5 \times 5 =$	
31.	$6 \times \underline{\quad} = 18$	
32.	$6 \times \underline{\quad} = 54$	
33.	$6 \times 6 =$	
34.	$7 \times \underline{\quad} = 28$	
35.	$7 \times \underline{\quad} = 56$	
36.	$7 \times 7 =$	
37.	$8 \times \underline{\quad} = 24$	
38.	$8 \times \underline{\quad} = 72$	
39.	$8 \times 8 =$	
40.	$9 \times \underline{\quad} = 36$	
41.	$9 \times \underline{\quad} = 63$	
42.	$9 \times 9 =$	
43.	$9 \times \underline{\quad} = 54$	
44.	$10 \times 10 =$	

B

Number Correct: _____

Improvement: _____

Squares and Unknown Factors

1.	$5 \times 5 =$	
2.	$5 \times \underline{\quad} = 25$	
3.	$2 \times 2 =$	
4.	$2 \times \underline{\quad} = 4$	
5.	$3 \times 3 =$	
6.	$3 \times \underline{\quad} = 9$	
7.	$1 \times 1 =$	
8.	$1 \times \underline{\quad} = 1$	
9.	$4 \times \underline{\quad} = 16$	
10.	$4 \times 4 =$	
11.	$6 \times \underline{\quad} = 36$	
12.	$6 \times 6 =$	
13.	$9 \times 9 =$	
14.	$9 \times \underline{\quad} = 81$	
15.	$10 \times 10 =$	
16.	$10 \times \underline{\quad} = 100$	
17.	$7 \times \underline{\quad} = 49$	
18.	$7 \times 7 =$	
19.	$2 \times \underline{\quad} = 8$	
20.	$2 \times \underline{\quad} = 16$	
21.	$2 \times 2 =$	
22.	$3 \times \underline{\quad} = 15$	

23.	$3 \times \underline{\quad} = 24$	
24.	$3 \times 3 =$	
25.	$4 \times \underline{\quad} = 12$	
26.	$4 \times \underline{\quad} = 28$	
27.	$4 \times 4 =$	
28.	$5 \times \underline{\quad} = 10$	
29.	$5 \times \underline{\quad} = 35$	
30.	$5 \times 5 =$	
31.	$6 \times \underline{\quad} = 24$	
32.	$6 \times \underline{\quad} = 48$	
33.	$6 \times 6 =$	
34.	$7 \times \underline{\quad} = 21$	
35.	$7 \times \underline{\quad} = 63$	
36.	$7 \times 7 =$	
37.	$8 \times \underline{\quad} = 32$	
38.	$8 \times \underline{\quad} = 56$	
39.	$8 \times 8 =$	
40.	$9 \times \underline{\quad} = 27$	
41.	$9 \times \underline{\quad} = 72$	
42.	$9 \times 9 =$	
43.	$9 \times \underline{\quad} = 63$	
44.	$10 \times 10 =$	

Lesson 4

thousands	hundreds	tens	ones

thousands place value chart

**Lesson 4:**

Interpret and represent patterns when multiplying by 10, 100, and 1,000 in arrays and numerically.

Lesson 7

A

Number Correct: _____

Multiply Multiples of 10, 100, and 1,000

1.	$3 \times 2 =$	
2.	$30 \times 2 =$	
3.	$300 \times 2 =$	
4.	$3,000 \times 2 =$	
5.	$2 \times 3,000 =$	
6.	$2 \times 4 =$	
7.	$2 \times 40 =$	
8.	$2 \times 400 =$	
9.	$2 \times 4,000 =$	
10.	$3 \times 3 =$	
11.	$30 \times 3 =$	
12.	$300 \times 3 =$	
13.	$3,000 \times 3 =$	
14.	$4,000 \times 3 =$	
15.	$400 \times 3 =$	
16.	$40 \times 3 =$	
17.	$5 \times 3 =$	
18.	$500 \times 3 =$	
19.	$7 \times 2 =$	
20.	$70 \times 2 =$	
21.	$4 \times 4 =$	
22.	$4,000 \times 4 =$	

23.	$7 \times 5 =$	
24.	$700 \times 5 =$	
25.	$8 \times 3 =$	
26.	$80 \times 3 =$	
27.	$9 \times 4 =$	
28.	$9,000 \times 4 =$	
29.	$7 \times 6 =$	
30.	$7 \times 600 =$	
31.	$8 \times 9 =$	
32.	$8 \times 90 =$	
33.	$6 \times 9 =$	
34.	$6 \times 9,000 =$	
35.	$900 \times 9 =$	
36.	$8,000 \times 8 =$	
37.	$7 \times 70 =$	
38.	$6 \times 600 =$	
39.	$800 \times 7 =$	
40.	$7 \times 9,000 =$	
41.	$200 \times 5 =$	
42.	$5 \times 60 =$	
43.	$4,000 \times 5 =$	
44.	$800 \times 5 =$	

B

Number Correct: _____

Improvement: _____

Multiply Multiples of 10, 100, and 1,000

1.	$4 \times 2 =$	
2.	$40 \times 2 =$	
3.	$400 \times 2 =$	
4.	$4,000 \times 2 =$	
5.	$2 \times 4,000 =$	
6.	$3 \times 3 =$	
7.	$3 \times 30 =$	
8.	$3 \times 300 =$	
9.	$3 \times 3,000 =$	
10.	$2 \times 3 =$	
11.	$20 \times 3 =$	
12.	$200 \times 3 =$	
13.	$2,000 \times 3 =$	
14.	$3,000 \times 4 =$	
15.	$300 \times 4 =$	
16.	$30 \times 4 =$	
17.	$3 \times 5 =$	
18.	$30 \times 5 =$	
19.	$6 \times 2 =$	
20.	$60 \times 2 =$	
21.	$4 \times 4 =$	
22.	$400 \times 4 =$	

23.	$9 \times 5 =$	
24.	$900 \times 5 =$	
25.	$8 \times 4 =$	
26.	$80 \times 4 =$	
27.	$9 \times 3 =$	
28.	$9,000 \times 3 =$	
29.	$6 \times 7 =$	
30.	$6 \times 700 =$	
31.	$8 \times 7 =$	
32.	$8 \times 70 =$	
33.	$9 \times 6 =$	
34.	$9 \times 6,000 =$	
35.	$800 \times 8 =$	
36.	$9,000 \times 9 =$	
37.	$7 \times 700 =$	
38.	$6 \times 60 =$	
39.	$700 \times 8 =$	
40.	$9 \times 7,000 =$	
41.	$20 \times 5 =$	
42.	$5 \times 600 =$	
43.	$400 \times 5 =$	
44.	$8,000 \times 5 =$	

ten thousands	thousands	hundreds	tens	ones

ten thousands place value chart



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

Lesson 13

A

Number Correct: _____

Mental Multiplication

1.	$1 \times 4 =$	
2.	$10 \times 4 =$	
3.	$11 \times 4 =$	
4.	$1 \times 2 =$	
5.	$20 \times 2 =$	
6.	$21 \times 2 =$	
7.	$2 \times 3 =$	
8.	$30 \times 3 =$	
9.	$32 \times 3 =$	
10.	$3 \times 5 =$	
11.	$20 \times 5 =$	
12.	$23 \times 5 =$	
13.	$3 \times 3 =$	
14.	$40 \times 3 =$	
15.	$43 \times 3 =$	
16.	$4 \times 2 =$	
17.	$70 \times 2 =$	
18.	$74 \times 2 =$	
19.	$2 \times 3 =$	
20.	$60 \times 3 =$	
21.	$62 \times 3 =$	
22.	$63 \times 3 =$	

23.	$21 \times 3 =$	
24.	$121 \times 3 =$	
25.	$42 \times 2 =$	
26.	$142 \times 2 =$	
27.	$242 \times 2 =$	
28.	$342 \times 2 =$	
29.	$442 \times 2 =$	
30.	$3 \times 3 =$	
31.	$13 \times 3 =$	
32.	$213 \times 3 =$	
33.	$1,213 \times 3 =$	
34.	$2,113 \times 3 =$	
35.	$2,131 \times 3 =$	
36.	$2,311 \times 3 =$	
37.	$24 \times 4 =$	
38.	$35 \times 5 =$	
39.	$54 \times 3 =$	
40.	$63 \times 6 =$	
41.	$125 \times 4 =$	
42.	$214 \times 3 =$	
43.	$5,213 \times 2 =$	
44.	$2,135 \times 4 =$	

B

Number Correct: _____

Improvement: _____

Mental Multiplication

1.	$1 \times 6 =$	
2.	$10 \times 6 =$	
3.	$11 \times 6 =$	
4.	$1 \times 2 =$	
5.	$30 \times 2 =$	
6.	$31 \times 2 =$	
7.	$3 \times 3 =$	
8.	$20 \times 3 =$	
9.	$23 \times 3 =$	
10.	$5 \times 5 =$	
11.	$20 \times 5 =$	
12.	$25 \times 5 =$	
13.	$4 \times 4 =$	
14.	$30 \times 4 =$	
15.	$34 \times 4 =$	
16.	$4 \times 2 =$	
17.	$90 \times 2 =$	
18.	$94 \times 2 =$	
19.	$2 \times 3 =$	
20.	$40 \times 3 =$	
21.	$42 \times 3 =$	
22.	$43 \times 3 =$	

23.	$21 \times 4 =$	
24.	$121 \times 4 =$	
25.	$24 \times 2 =$	
26.	$124 \times 2 =$	
27.	$224 \times 2 =$	
28.	$324 \times 2 =$	
29.	$424 \times 2 =$	
30.	$3 \times 2 =$	
31.	$13 \times 2 =$	
32.	$213 \times 2 =$	
33.	$1,213 \times 2 =$	
34.	$2,113 \times 2 =$	
35.	$2,131 \times 2 =$	
36.	$2,311 \times 2 =$	
37.	$23 \times 4 =$	
38.	$53 \times 5 =$	
39.	$45 \times 3 =$	
40.	$36 \times 6 =$	
41.	$215 \times 3 =$	
42.	$125 \times 4 =$	
43.	$5,312 \times 2 =$	
44.	$1,235 \times 4 =$	

Lesson 16

tens	ones

tens place value chart

Lesson 19

A

Number Correct: _____

Mental Division

1.	$20 \div 2 =$	
2.	$4 \div 2 =$	
3.	$24 \div 2 =$	
4.	$30 \div 3 =$	
5.	$6 \div 3 =$	
6.	$36 \div 3 =$	
7.	$40 \div 4 =$	
8.	$8 \div 4 =$	
9.	$48 \div 4 =$	
10.	$2 \div 2 =$	
11.	$40 \div 2 =$	
12.	$42 \div 2 =$	
13.	$3 \div 3 =$	
14.	$60 \div 3 =$	
15.	$63 \div 3 =$	
16.	$4 \div 4 =$	
17.	$80 \div 4 =$	
18.	$84 \div 4 =$	
19.	$40 \div 5 =$	
20.	$50 \div 5 =$	
21.	$60 \div 5 =$	
22.	$70 \div 5 =$	

23.	$68 \div 2 =$	
24.	$96 \div 3 =$	
25.	$86 \div 2 =$	
26.	$93 \div 3 =$	
27.	$88 \div 4 =$	
28.	$99 \div 3 =$	
29.	$66 \div 3 =$	
30.	$66 \div 2 =$	
31.	$40 \div 4 =$	
32.	$80 \div 4 =$	
33.	$60 \div 4 =$	
34.	$68 \div 4 =$	
35.	$20 \div 2 =$	
36.	$40 \div 2 =$	
37.	$30 \div 2 =$	
38.	$36 \div 2 =$	
39.	$30 \div 3 =$	
40.	$39 \div 3 =$	
41.	$45 \div 3 =$	
42.	$60 \div 3 =$	
43.	$57 \div 3 =$	
44.	$51 \div 3 =$	

B

Number Correct: _____

Improvement: _____

Mental Division

1.	$30 \div 3 =$	
2.	$9 \div 3 =$	
3.	$39 \div 3 =$	
4.	$20 \div 2 =$	
5.	$6 \div 2 =$	
6.	$26 \div 2 =$	
7.	$80 \div 4 =$	
8.	$4 \div 4 =$	
9.	$84 \div 4 =$	
10.	$2 \div 2 =$	
11.	$60 \div 2 =$	
12.	$62 \div 2 =$	
13.	$3 \div 3 =$	
14.	$90 \div 3 =$	
15.	$93 \div 3 =$	
16.	$8 \div 4 =$	
17.	$40 \div 4 =$	
18.	$48 \div 4 =$	
19.	$50 \div 5 =$	
20.	$60 \div 5 =$	
21.	$70 \div 5 =$	
22.	$80 \div 5 =$	

23.	$86 \div 2 =$	
24.	$69 \div 3 =$	
25.	$68 \div 2 =$	
26.	$96 \div 3 =$	
27.	$66 \div 3 =$	
28.	$99 \div 3 =$	
29.	$88 \div 4 =$	
30.	$88 \div 2 =$	
31.	$40 \div 4 =$	
32.	$80 \div 4 =$	
33.	$60 \div 4 =$	
34.	$64 \div 4 =$	
35.	$20 \div 2 =$	
36.	$40 \div 2 =$	
37.	$30 \div 2 =$	
38.	$38 \div 2 =$	
39.	$30 \div 3 =$	
40.	$36 \div 3 =$	
41.	$42 \div 3 =$	
42.	$60 \div 3 =$	
43.	$54 \div 3 =$	
44.	$48 \div 3 =$	

Lesson 21

A

Number Correct: _____

Division with Remainders

1.	$8 \div 2$	Q = _____	R = _____
2.	$9 \div 2$	Q = _____	R = _____
3.	$4 \div 4$	Q = _____	R = _____
4.	$5 \div 4$	Q = _____	R = _____
5.	$7 \div 5$	Q = _____	R = _____
6.	$8 \div 5$	Q = _____	R = _____
7.	$5 \div 3$	Q = _____	R = _____
8.	$6 \div 3$	Q = _____	R = _____
9.	$8 \div 4$	Q = _____	R = _____
10.	$9 \div 4$	Q = _____	R = _____
11.	$2 \div 2$	Q = _____	R = _____
12.	$3 \div 2$	Q = _____	R = _____
13.	$7 \div 3$	Q = _____	R = _____
14.	$8 \div 3$	Q = _____	R = _____
15.	$9 \div 3$	Q = _____	R = _____
16.	$8 \div 6$	Q = _____	R = _____
17.	$9 \div 6$	Q = _____	R = _____
18.	$5 \div 5$	Q = _____	R = _____
19.	$6 \div 5$	Q = _____	R = _____
20.	$8 \div 8$	Q = _____	R = _____
21.	$9 \div 8$	Q = _____	R = _____
22.	$9 \div 9$	Q = _____	R = _____

23.	$6 \div 2$	Q = _____	R = _____
24.	$7 \div 2$	Q = _____	R = _____
25.	$3 \div 3$	Q = _____	R = _____
26.	$4 \div 3$	Q = _____	R = _____
27.	$6 \div 4$	Q = _____	R = _____
28.	$7 \div 4$	Q = _____	R = _____
29.	$6 \div 6$	Q = _____	R = _____
30.	$7 \div 6$	Q = _____	R = _____
31.	$4 \div 2$	Q = _____	R = _____
32.	$5 \div 2$	Q = _____	R = _____
33.	$9 \div 3$	Q = _____	R = _____
34.	$9 \div 5$	Q = _____	R = _____
35.	$7 \div 7$	Q = _____	R = _____
36.	$9 \div 9$	Q = _____	R = _____
37.	$13 \div 4$	Q = _____	R = _____
38.	$18 \div 5$	Q = _____	R = _____
39.	$21 \div 6$	Q = _____	R = _____
40.	$24 \div 7$	Q = _____	R = _____
41.	$29 \div 8$	Q = _____	R = _____
42.	$43 \div 6$	Q = _____	R = _____
43.	$53 \div 6$	Q = _____	R = _____
44.	$82 \div 9$	Q = _____	R = _____

B

Number Correct: _____

Improvement: _____

Division with Remainders

1.	$9 \div 8$	Q = _____	R = _____
2.	$8 \div 8$	Q = _____	R = _____
3.	$9 \div 6$	Q = _____	R = _____
4.	$8 \div 6$	Q = _____	R = _____
5.	$5 \div 5$	Q = _____	R = _____
6.	$6 \div 5$	Q = _____	R = _____
7.	$7 \div 4$	Q = _____	R = _____
8.	$6 \div 4$	Q = _____	R = _____
9.	$5 \div 3$	Q = _____	R = _____
10.	$6 \div 3$	Q = _____	R = _____
11.	$2 \div 2$	Q = _____	R = _____
12.	$3 \div 2$	Q = _____	R = _____
13.	$3 \div 3$	Q = _____	R = _____
14.	$4 \div 3$	Q = _____	R = _____
15.	$8 \div 7$	Q = _____	R = _____
16.	$9 \div 7$	Q = _____	R = _____
17.	$4 \div 4$	Q = _____	R = _____
18.	$5 \div 4$	Q = _____	R = _____
19.	$6 \div 2$	Q = _____	R = _____
20.	$7 \div 2$	Q = _____	R = _____
21.	$8 \div 5$	Q = _____	R = _____
22.	$7 \div 5$	Q = _____	R = _____

23.	$4 \div 2$	Q = _____	R = _____
24.	$5 \div 2$	Q = _____	R = _____
25.	$8 \div 4$	Q = _____	R = _____
26.	$9 \div 4$	Q = _____	R = _____
27.	$9 \div 3$	Q = _____	R = _____
28.	$8 \div 3$	Q = _____	R = _____
29.	$9 \div 5$	Q = _____	R = _____
30.	$6 \div 6$	Q = _____	R = _____
31.	$7 \div 6$	Q = _____	R = _____
32.	$9 \div 9$	Q = _____	R = _____
33.	$7 \div 7$	Q = _____	R = _____
34.	$9 \div 2$	Q = _____	R = _____
35.	$8 \div 2$	Q = _____	R = _____
36.	$37 \div 8$	Q = _____	R = _____
37.	$50 \div 9$	Q = _____	R = _____
38.	$17 \div 6$	Q = _____	R = _____
39.	$48 \div 7$	Q = _____	R = _____
40.	$51 \div 8$	Q = _____	R = _____
41.	$68 \div 9$	Q = _____	R = _____
42.	$53 \div 6$	Q = _____	R = _____
43.	$61 \div 8$	Q = _____	R = _____
44.	$70 \div 9$	Q = _____	R = _____

Lesson 22

ones	
tens	
hundreds	
thousands	

thousands place value chart for dividing



Lesson 22: Divide multiples of 10, 100, and 1,000 by single-digit numbers.

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Lesson 27

A

Number Correct: _____

Divide.

1.	$6 \div 2 =$	
2.	$60 \div 2 =$	
3.	$600 \div 2 =$	
4.	$6,000 \div 2 =$	
5.	$9 \div 3 =$	
6.	$90 \div 3 =$	
7.	$900 \div 3 =$	
8.	$9,000 \div 3 =$	
9.	$10 \div 5 =$	
10.	$15 \div 5 =$	
11.	$150 \div 5 =$	
12.	$1,500 \div 5 =$	
13.	$2,500 \div 5 =$	
14.	$3,500 \div 5 =$	
15.	$4,500 \div 5 =$	
16.	$450 \div 5 =$	
17.	$8 \div 4 =$	
18.	$12 \div 4 =$	
19.	$120 \div 4 =$	
20.	$1,200 \div 4 =$	
21.	$25 \div 5 =$	
22.	$30 \div 5 =$	

23.	$300 \div 5 =$	
24.	$3,000 \div 5 =$	
25.	$16 \div 4 =$	
26.	$160 \div 4 =$	
27.	$18 \div 6 =$	
28.	$1,800 \div 6 =$	
29.	$28 \div 7 =$	
30.	$280 \div 7 =$	
31.	$48 \div 8 =$	
32.	$4,800 \div 8 =$	
33.	$6,300 \div 9 =$	
34.	$200 \div 5 =$	
35.	$560 \div 7 =$	
36.	$7,200 \div 9 =$	
37.	$480 \div 6 =$	
38.	$5,600 \div 8 =$	
39.	$400 \div 5 =$	
40.	$6,300 \div 7 =$	
41.	$810 \div 9 =$	
42.	$640 \div 8 =$	
43.	$5,400 \div 6 =$	
44.	$4,000 \div 5 =$	

B

Number Correct: _____

Improvement: _____

Divide.

1.	$4 \div 2 =$	
2.	$40 \div 2 =$	
3.	$400 \div 2 =$	
4.	$4,000 \div 2 =$	
5.	$6 \div 3 =$	
6.	$60 \div 3 =$	
7.	$600 \div 3 =$	
8.	$6,000 \div 3 =$	
9.	$10 \div 5 =$	
10.	$15 \div 5 =$	
11.	$150 \div 5 =$	
12.	$250 \div 5 =$	
13.	$350 \div 5 =$	
14.	$3,500 \div 5 =$	
15.	$4,500 \div 5 =$	
16.	$450 \div 5 =$	
17.	$9 \div 3 =$	
18.	$12 \div 3 =$	
19.	$120 \div 3 =$	
20.	$1,200 \div 3 =$	
21.	$25 \div 5 =$	
22.	$20 \div 5 =$	

23.	$200 \div 5 =$	
24.	$2,000 \div 5 =$	
25.	$12 \div 4 =$	
26.	$120 \div 4 =$	
27.	$21 \div 7 =$	
28.	$2,100 \div 7 =$	
29.	$18 \div 6 =$	
30.	$180 \div 6 =$	
31.	$54 \div 9 =$	
32.	$5,400 \div 9 =$	
33.	$5,600 \div 8 =$	
34.	$300 \div 5 =$	
35.	$490 \div 7 =$	
36.	$6,300 \div 9 =$	
37.	$420 \div 6 =$	
38.	$4,800 \div 8 =$	
39.	$4,000 \div 5 =$	
40.	$560 \div 8 =$	
41.	$6,400 \div 8 =$	
42.	$720 \div 8 =$	
43.	$4,800 \div 6 =$	
44.	$400 \div 5 =$	