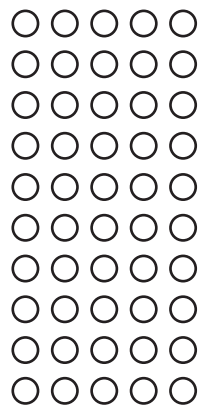


Cumulative Review

1. Rewrite $18 \div 3$ as a multiplication problem with a missing factor and solve. _____
2. Solve: $36 \div 9$. _____
3. Draw and divide an array to show the doubling strategy for 6×3 , and then solve.
4. Divide the array model to represent taking apart a known fact to find 9×5 , and then solve.



Completed Multiplication Table

x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Practice 1

Write the fact family (2 multiplication and 2 division facts) for each set of numbers.

1. 3, 9, and 27

2. 1, 4, and 4

Write 1 fact family (2 multiplication and 2 division facts) for each product.

3. 12

4. 45

Practice 2

Write the fact family (2 multiplication and 2 division facts) for each set of numbers.

1. 3, 5, and 15

2. 3, 6, and 18

Write 1 fact family (2 multiplication and 2 division facts) for each product.

3. 24

4. 35

Name: _____**Independent Practice**

Write the fact family (2 multiplication and 2 division facts) for each set of numbers.

1. 2, 4, and 8

2. 2, 5, and 10

Write 1 fact family (2 multiplication and 2 division facts) for each product.

3. 56

4. 96



Answer Key: Cumulative Review

1. Rewrite $18 \div 3$ as a multiplication problem with a missing factor and solve. $3 \times ? = 18$; $? = 6$

2. Solve: $36 \div 9$. $36 \div 9 = 4$

3. Draw and divide an array to show the doubling strategy for 6×3 , and then solve.

$$\begin{array}{r}
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \quad (3 \times 3) \\
 \hline
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \quad (3 \times 3) \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}}
 \end{array}
 \Rightarrow
 \begin{array}{r}
 (3 \times 3) + (3 \times 3) \\
 \downarrow \quad \downarrow \\
 9 + 9 = 18
 \end{array}$$

4. Divide the array model to represent taking apart a known fact to find 9×5 , and then solve.

$$\begin{array}{r}
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \quad (9 \times 5) \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \\
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \quad (1 \times 5) \\
 \hline
 \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}} \textcircled{\hspace{0.2cm}}
 \end{array}
 \Rightarrow
 \begin{array}{r}
 (10 \times 5) - (1 \times 5) \\
 \downarrow \quad \downarrow \\
 50 - 5 = 45
 \end{array}$$



Answer Key: Practice 1

Write the fact family (2 multiplication and 2 division facts) for each set of numbers.

1. 3, 9, and 27

$$\underline{3 \times 9 = 27}$$

$$\underline{9 \times 3 = 27}$$

$$\underline{27 \div 9 = 3}$$

$$\underline{27 \div 3 = 9}$$

2. 1, 4, and 4

$$\underline{1 \times 4 = 4}$$

$$\underline{4 \times 1 = 4}$$

$$\underline{4 \div 1 = 4}$$

$$\underline{4 \div 4 = 1}$$

Write 1 fact family (2 multiplication and 2 division facts) for each product.

3. 12

$$\underline{2 \times 6 = 12}$$

$$\underline{6 \times 2 = 12}$$

$$\underline{12 \div 6 = 2}$$

$$\underline{12 \div 2 = 6}$$

4. 45

$$\underline{9 \times 5 = 45}$$

$$\underline{5 \times 9 = 45}$$

$$\underline{45 \div 5 = 9}$$

$$\underline{45 \div 9 = 5}$$

(Other fact families could be 1, 12, 12 or 3, 4, 12)

(Other fact families could be 1, 45, 45)



Answer Key: Practice 2

Write the fact family (2 multiplication and 2 division facts) for each set of numbers.

1. 3, 5, and 15

$$\underline{3 \times 5 = 15}$$

$$\underline{5 \times 3 = 15}$$

$$\underline{15 \div 5 = 3}$$

$$\underline{15 \div 3 = 5}$$

2. 3, 6, and 18

$$\underline{3 \times 6 = 18}$$

$$\underline{6 \times 3 = 18}$$

$$\underline{18 \div 6 = 3}$$

$$\underline{18 \div 3 = 6}$$

Write 1 fact family (2 multiplication and 2 division facts) for each product.

3. 24

$$\underline{6 \times 4 = 24}$$

$$\underline{4 \times 6 = 24}$$

$$\underline{24 \div 6 = 4}$$

$$\underline{24 \div 4 = 6}$$

4. 35

$$\underline{7 \times 5 = 35}$$

$$\underline{5 \times 7 = 35}$$

$$\underline{35 \div 7 = 5}$$

$$\underline{35 \div 5 = 7}$$

(Could also include 1, 24, 24; 8, 3, 24; 2, 12, 24.)

(Could also include 1, 35, 35.)



Answer Key: Independent Practice

Write the fact family (2 multiplication and 2 division facts) for each set of numbers.

1. 2, 4, and 8

$$\underline{2 \times 4 = 8}$$

$$\underline{4 \times 2 = 8}$$

$$\underline{8 \div 2 = 4}$$

$$\underline{8 \div 4 = 2}$$

2. 2, 5, and 10

$$\underline{2 \times 5 = 10}$$

$$\underline{5 \times 2 = 10}$$

$$\underline{10 \div 5 = 2}$$

$$\underline{10 \div 2 = 5}$$

Write 1 fact family (2 multiplication and 2 division facts) for each product.

3. 56

$$\underline{8 \times 7 = 56}$$

$$\underline{7 \times 8 = 56}$$

$$\underline{56 \div 8 = 7}$$

$$\underline{56 \div 7 = 8}$$

4. 96

$$\underline{8 \times 12 = 96}$$

$$\underline{12 \times 8 = 96}$$

$$\underline{96 \div 12 = 8}$$

$$\underline{96 \div 8 = 12}$$

(Could also include 4, 14, 56; 2, 28, 56; 1, 56, 56.)

(Could also include 2, 48, 96; 4, 24, 96; 6, 16, 96; 1, 96, 96.)