

3

Skill-Building Wipe-Clean

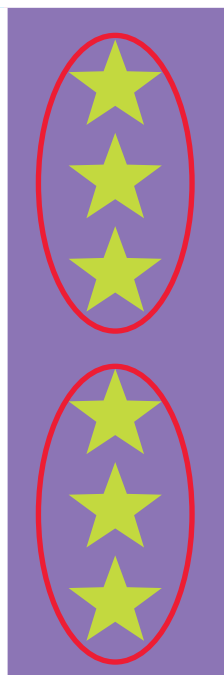
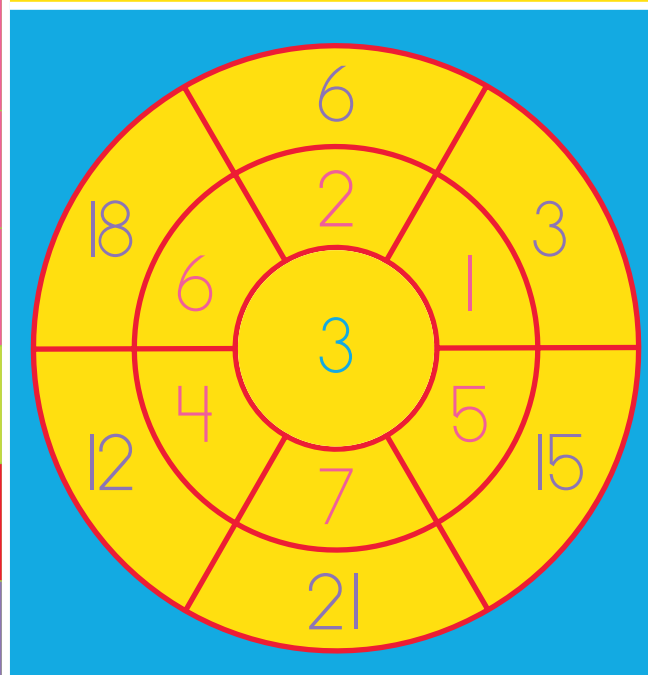
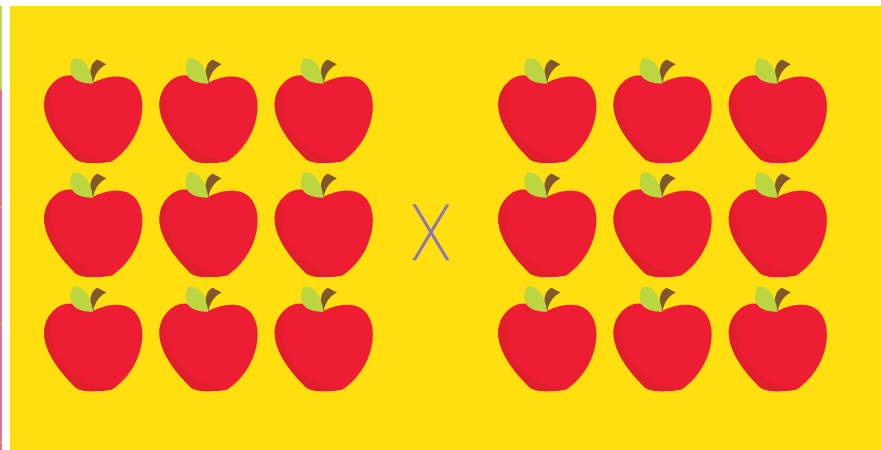
Multiplication

READY TO LEARN™

Activity Book

The
Canadian
Curriculum
Series

X	0	1	2	3	4	5
0	0	0	0	0	0	0
1	0	1	2	3	4	5
2	0	2	4	6	8	10
3	0	3	6	9	12	15
4	0	4	8	12	16	20
5	0	5	10	15	20	25
6	0	6	12	18	24	30
7	0	7	14	21	28	35
8	0	8	16	24	32	40



3

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Multiplication

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X	0	1	2	3	4	5
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4	0	4	8	12	16	20
5	0	5	10	15	20	25
6	0	6	12	18	24	30
7	0	7	14	21	28	35
8	0	8	16	24	32	40

$$\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$$

8

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

12

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

20

Kids LOVE wipe-clean books and so will you when you see how much your child learns by completing these multiplication activities. The Ready to Learn™ Multiplication Wipe-Clean Book is a great supplement to the Ready to Learn™ Grade Three Math workbook. This engaging activity book makes learning fun and reinforces skills necessary for success in adding groups and creating and solving multiplication problems all in an easy-to-use dry erase format!

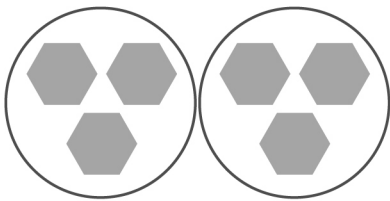
Multiplying is combining the same number or equal groups of the same number.

Example: 3 groups of 5 is $5 + 5 + 5 = 15$
and $3 \times 5 = 15$



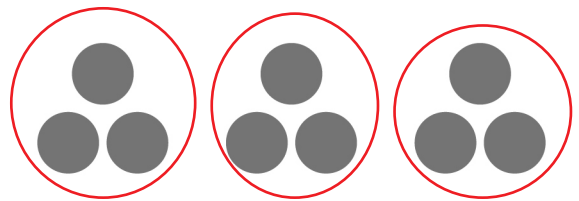
Solve the multiplication problems by combining the groups. Circle the groups and write the numbers on the lines below.

Example:



2 groups of 3

$$\begin{array}{r} \underline{3} + \underline{3} = \underline{6} \\ \underline{2} \times \underline{3} = \underline{6} \end{array}$$



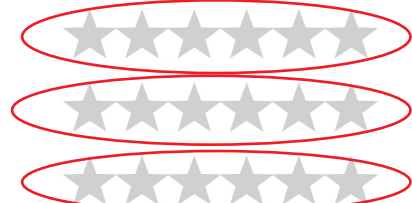
3 groups of 3

$$\begin{array}{r} \underline{3} + \underline{3} + \underline{3} = \underline{9} \\ \underline{3} \times 3 = \underline{9} \end{array}$$



3 groups of 4

$$\begin{array}{r} \underline{4} + \underline{4} + \underline{4} = \underline{12} \\ \underline{3} \times 4 = \underline{12} \end{array}$$



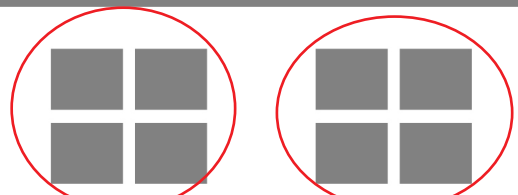
3 groups of 6

$$\begin{array}{r} \underline{6} + \underline{6} + \underline{6} = \underline{18} \\ \underline{3} \times 6 = \underline{18} \end{array}$$



2 groups of 5

$$\begin{array}{r} \underline{5} + \underline{5} = \underline{10} \\ \underline{2} \times 5 = \underline{10} \end{array}$$



2 groups of 4

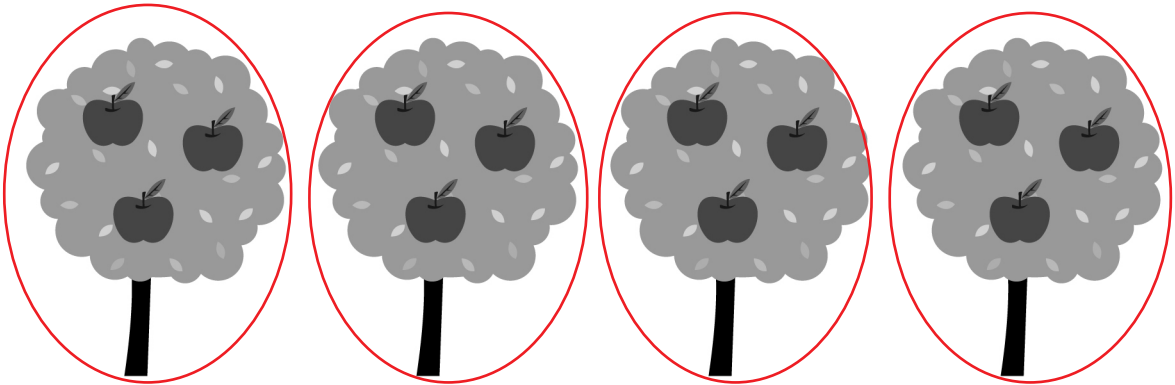
$$\begin{array}{r} \underline{4} + \underline{4} = \underline{8} \\ \underline{2} \times 4 = \underline{8} \end{array}$$

Use the groups to help solve the multiplication problem. Circle the groups and write the answers on the lines below.

How many apples are on each tree?

How many apples are there total?

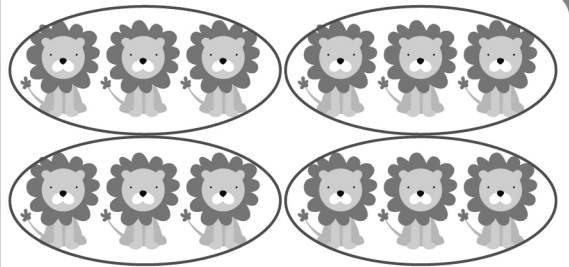
$$\underline{3} \text{ apples on each tree} \times \underline{4} \text{ trees}$$
$$\underline{3} \times \underline{4} = \underline{12}$$



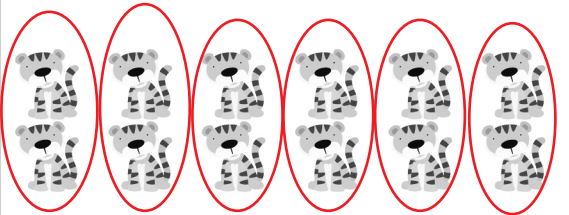
Circle the groups and multiply. Write the answers on the lines below.

Example:

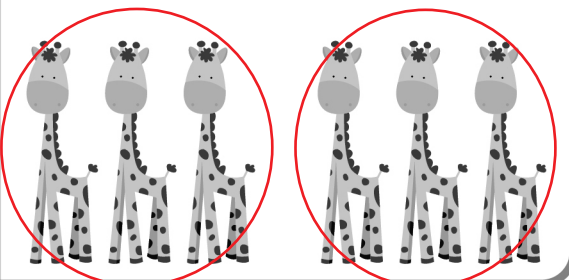
$$4 \text{ groups of lions}$$
$$\times \underline{3} \text{ in each group.}$$
$$\underline{4} \times \underline{3} = \underline{12}$$



$$6 \text{ groups of tigers}$$
$$\times \underline{2} \text{ in each group.}$$
$$\underline{6} \times \underline{2} = \underline{12}$$



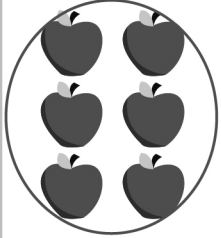
$$2 \text{ groups of giraffes}$$
$$\times \underline{3} \text{ in each group.}$$
$$\underline{2} \times \underline{3} = \underline{6}$$



Sometimes multiplication sentences are written vertically.

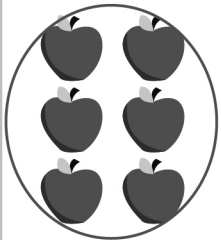
Circle the groups to help solve the multiplication problems. Write the answers on the lines below.

Example:

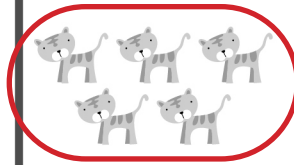


2 groups

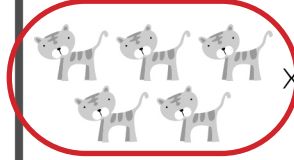
\times 6 apples



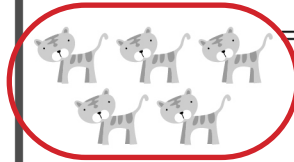
$=$ 12 apples



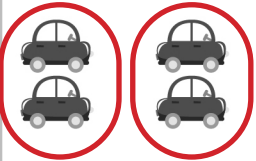
3 groups



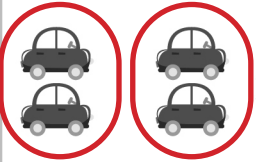
\times 5 cats



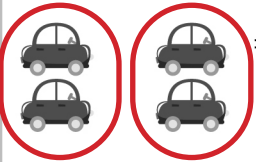
$=$ 15 cats



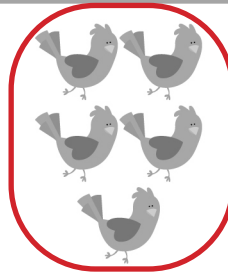
6 groups



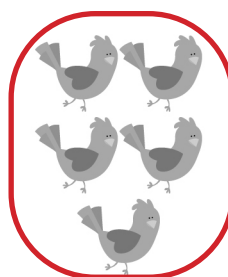
\times 2 cars



$=$ 12 cars

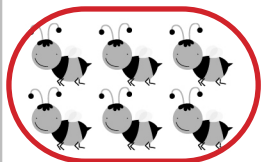


2 groups

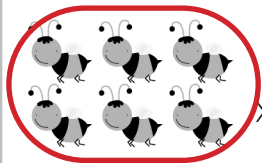


\times 5 birds

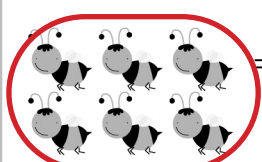
$=$ 10 birds



3 groups



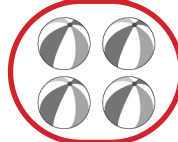
\times 6 bees



$=$ 18 bees



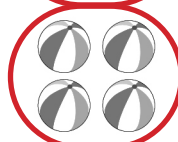
4 groups



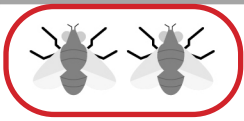
\times 4 balls



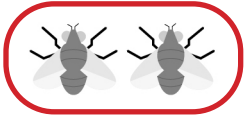
$=$ 16 balls



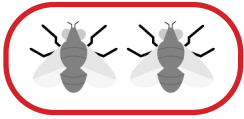
Circle the groups to help solve the multiplication problems. Write the answers on the lines below.



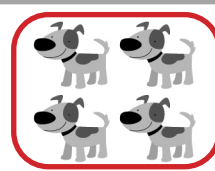
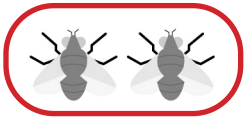
4 groups



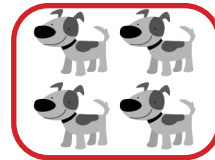
x 2 flies



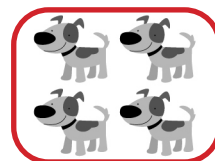
= 8 flies



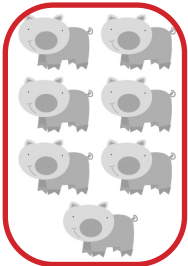
3 groups



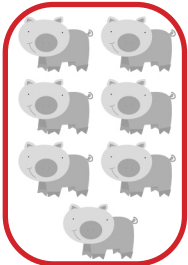
x 4 dogs



= 12 dogs

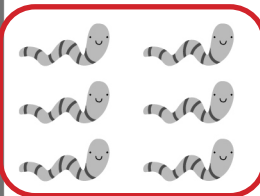


2 groups

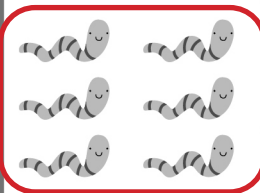


x 7 pigs

= 14 pigs

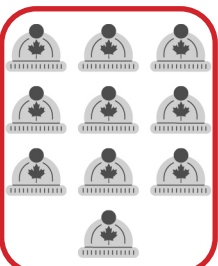


2 groups

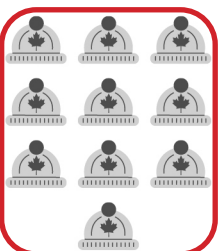


x 6 worms

= 12 worms



2 groups



x 10 hats

= 20 hats



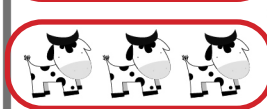
5 groups



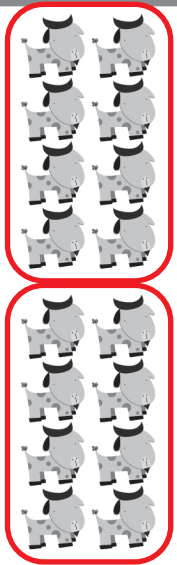
x 3 cows



= 15 cows



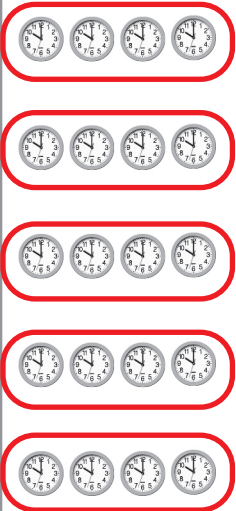
Circle the groups to help solve the multiplication problems. Write the answers on the lines below.



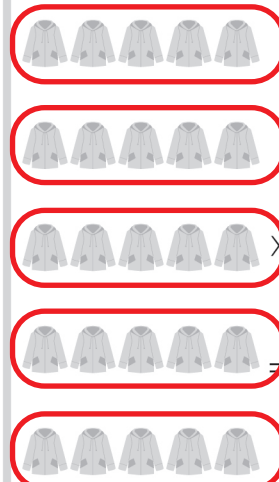
$$\begin{array}{rcl} & \underline{2} & \text{groups} \\ \times & \underline{8} & \text{goats} \\ \hline = & \underline{16} & \text{goats} \end{array}$$



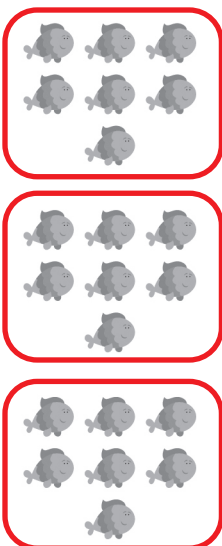
$$\begin{array}{rcl} & \underline{6} & \text{groups} \\ \times & \underline{3} & \text{cartons} \\ \hline = & \underline{18} & \text{cartons} \end{array}$$



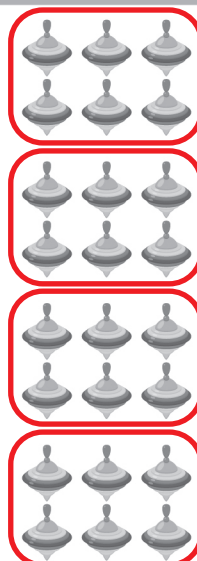
$$\begin{array}{rcl} & \underline{5} & \text{groups} \\ \times & \underline{4} & \text{clocks} \\ \hline = & \underline{20} & \text{clocks} \end{array}$$



$$\begin{array}{rcl} & \underline{5} & \text{groups} \\ \times & \underline{5} & \text{coats} \\ \hline = & \underline{25} & \text{coats} \end{array}$$

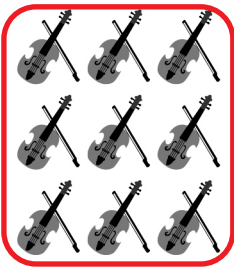


$$\begin{array}{rcl} & \underline{3} & \text{groups} \\ \times & \underline{7} & \text{fish} \\ \hline = & \underline{21} & \text{fish} \end{array}$$



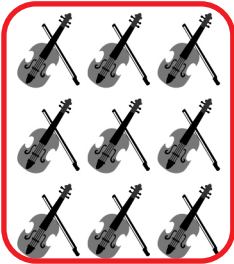
$$\begin{array}{rcl} & \underline{4} & \text{groups} \\ \times & \underline{6} & \text{tops} \\ \hline = & \underline{24} & \text{tops} \end{array}$$

Circle the groups to help solve the multiplication problems. Write the answers on the lines below.



2 groups

x 9 violins



= 18 violins



4 groups



x 5 tigers



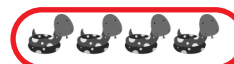
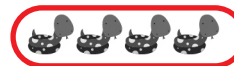
= 20 tigers



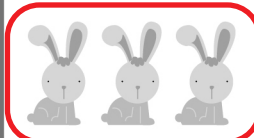
6 groups



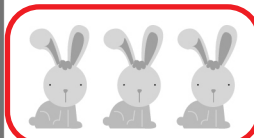
x 4 snakes



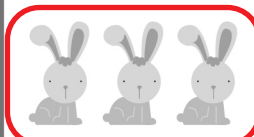
= 24 snakes



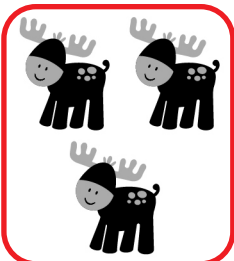
3 groups



x 3 rabbits

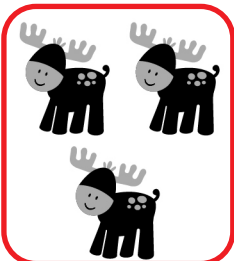


= 9 rabbits



2 groups

x 3 moose



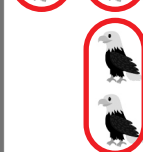
= 6 moose



10 groups



x 2 eagles

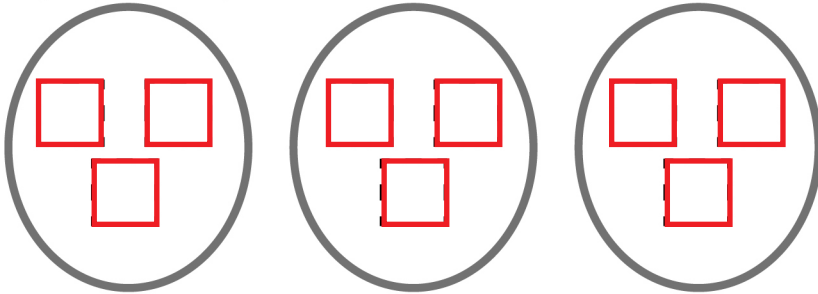


= 20 eagles

Draw the groups of items in the shapes. Multiply to solve the problems. Write the answers on the lines below.

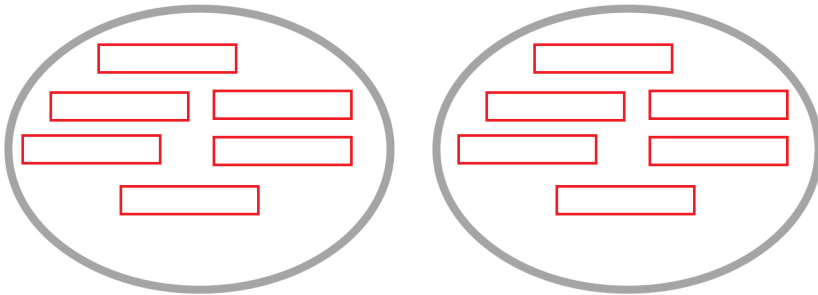
Example:

3 groups of 3 squares



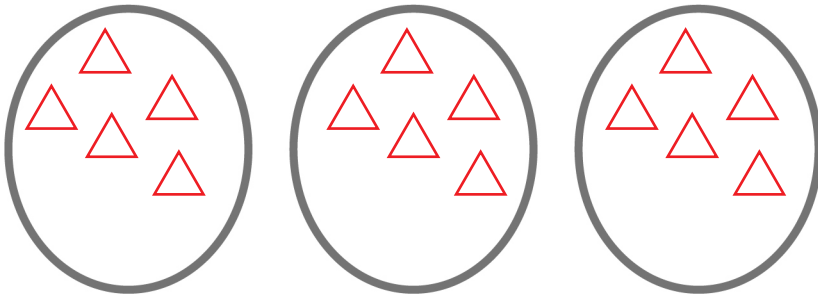
$$\underline{3} \times \underline{3} = \underline{9}$$

2 groups of 6 rectangles



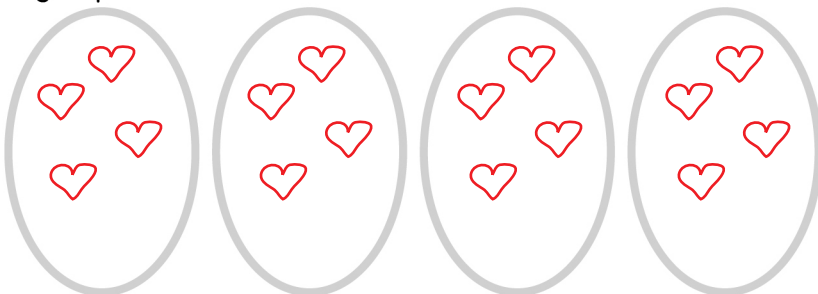
$$\underline{2} \times \underline{6} = \underline{12}$$

3 groups of 5 triangles



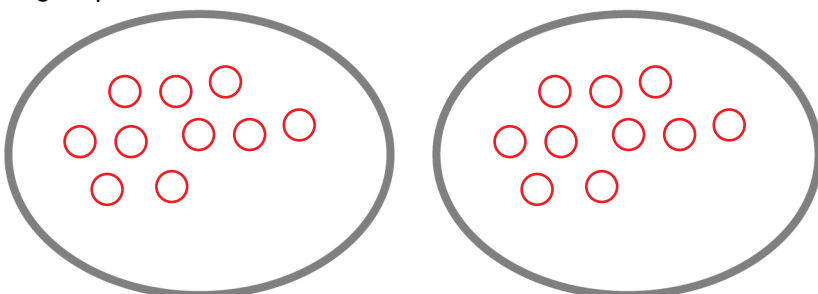
$$\underline{3} \times \underline{5} = \underline{15}$$

4 groups of 4 hearts



$$\underline{4} \times \underline{4} = \underline{16}$$

2 groups of 10 circles



$$\underline{2} \times \underline{10} = \underline{20}$$

When solving word problems, look for clues. Numbers are clues!

Example: Kate runs ③ miles after school every day. She runs ⑥ times a week. How many miles does she run altogether?

$$3 \times 6 = 18$$

Circle the numbers and solve the word problems. Write the problems and answers on the lines below.

Paul loves bananas. He eats ② bananas, ② times a day. How many bananas does he eat every day?



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

Missy owns ⑤ pairs of sunglasses. Tammy owns ② times that amount. How many sunglasses does Tammy own?



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

Zac bought ④ crates of juice. Each crate has ④ different juices. How many total juices does Zac have?



$$\underline{4} \times \underline{4} = \underline{16}$$

Max picked ④ bushels of apples. Each bushel had ⑩ apples. How many apples did Max pick?

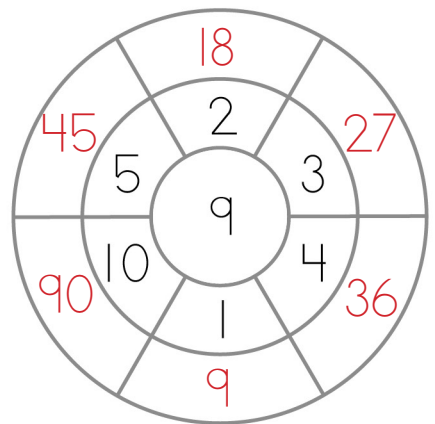
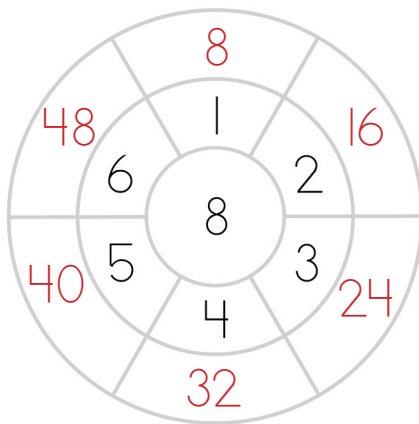
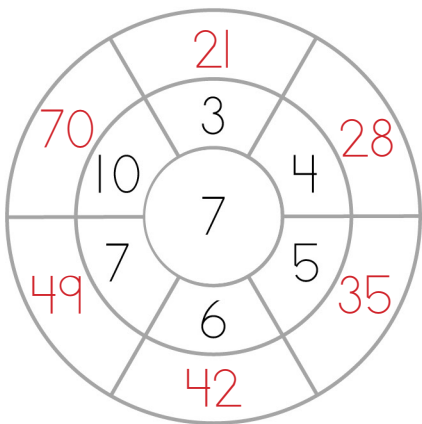
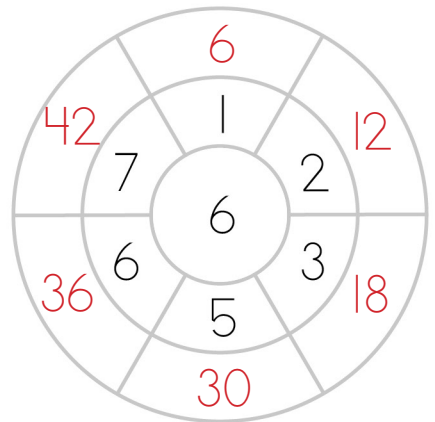
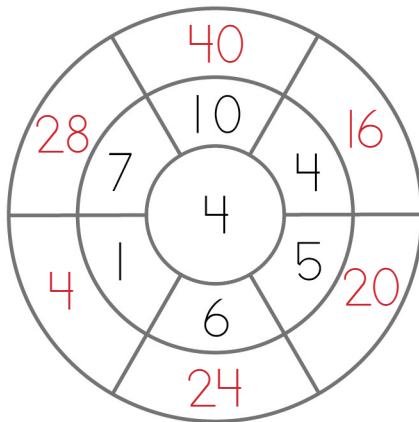
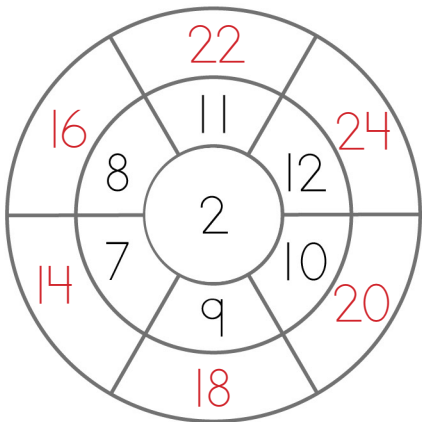
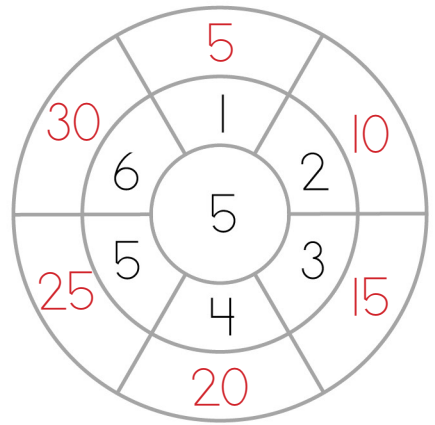
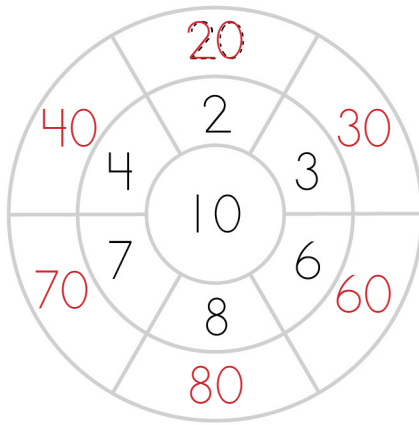
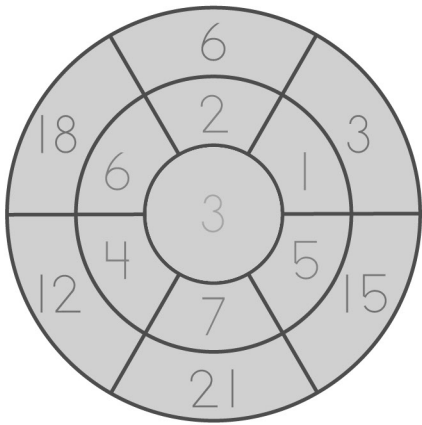


$$\underline{4} \times \underline{10} = \underline{40}$$

You can use a multiplication table to help you multiply. Move your finger along the top row to choose the number of groups you have to multiply and then move another finger down the left column to the number you have in each group. Then move your fingers down the column and across the row until they meet. The number where your fingers meet is your answer! Use your marker to circle the answer.

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

These are multiplication circles. The number in the center is the MULTIPLIER.
 The numbers in the next ring are WHAT YOU MULTIPLY THE CENTER NUMBER BY.
 The outside ring is the ANSWER, or product, of the equation. Write the missing numbers to complete the multiplication circles. Use the multiplication table if you need help.



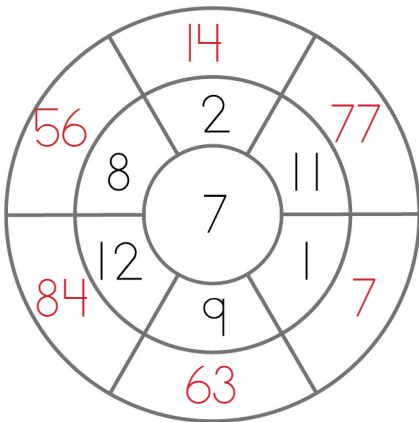
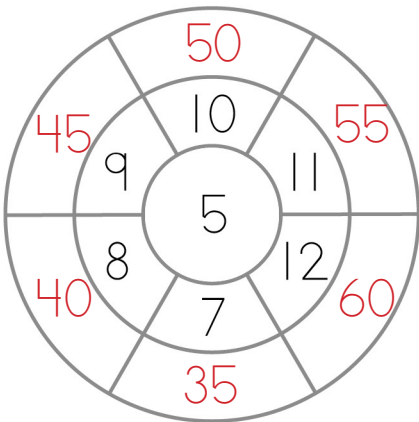
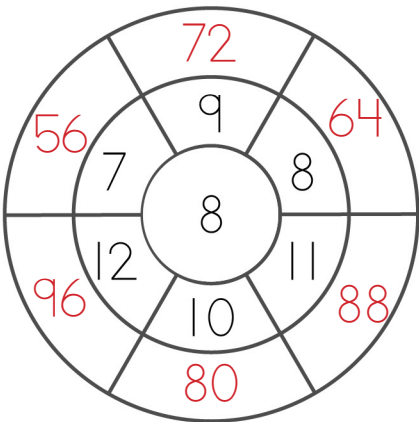
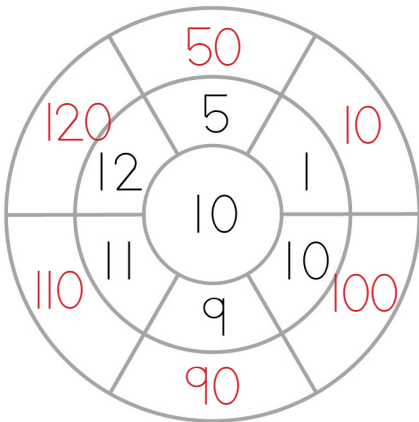
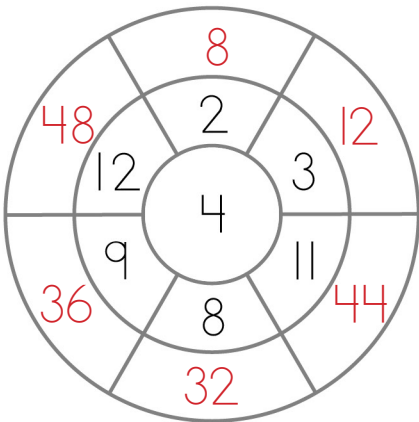
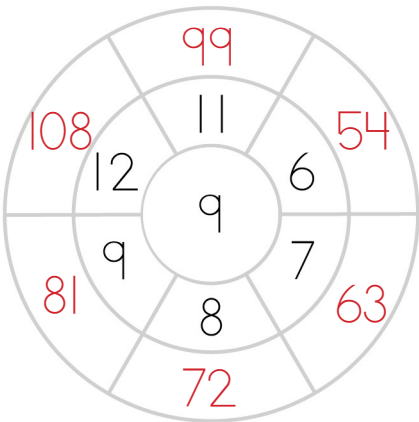
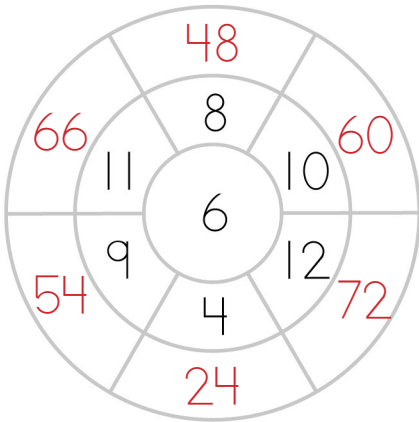
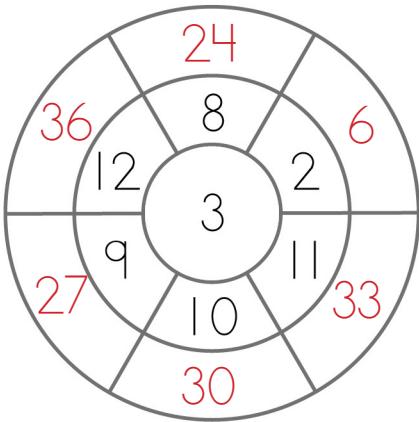
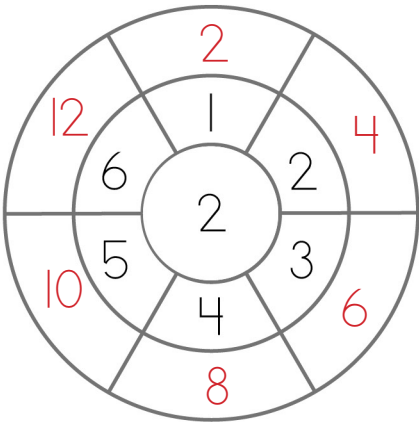
Solve the vertical multiplication problems below. Write the answers in the blue boxes. Use the multiplication table if you need help.

2	5	6	10	9
x 3	x 7	x 8	x 10	x 10
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<div>6</div>	<div>35</div>	<div>48</div>	<div>100</div>	<div>90</div>

8	9	5	7	9
x 7	x 6	x 5	x 10	x 9
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<div>56</div>	<div>54</div>	<div>25</div>	<div>70</div>	<div>81</div>

11	9	5	8	3
x 7	x 7	x 9	x 3	x 4
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<div>77</div>	<div>63</div>	<div>45</div>	<div>24</div>	<div>12</div>

Write the missing numbers to complete the multiplication circles. Use the multiplication table if you need help.



Solve the horizontal multiplication problems below. Write the answers in the blue boxes. Use the multiplication table if you need help.

$$1 \times 9 = 9$$

$$5 \times 4 = 20$$

$$10 \times 5 = 50$$

$$12 \times 3 = 36$$

$$10 \times 8 = 80$$

$$6 \times 11 = 66$$

$$3 \times 11 = 33$$

$$2 \times 7 = 14$$

$$3 \times 6 = 18$$

$$4 \times 12 = 48$$

$$6 \times 3 = 18$$

$$2 \times 10 = 20$$

$$7 \times 9 = 63$$

$$9 \times 4 = 36$$

$$2 \times 12 = 24$$

$$5 \times 12 = 60$$

$$9 \times 2 = 18$$

$$7 \times 5 = 35$$

When solving word problems, look for clues. Numbers are clues! Circle the numbers and solve the word problems. Write the problems and answers on the lines below.

Emily has 10 balloons. Each balloon needs 3 ribbons. How many ribbons does Emily need for all of the balloons?



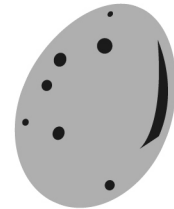
$$\underline{10} \times \underline{3} = \underline{30}$$

George has 3 bins with 12 soccer balls in each. How many soccer balls does George have?



$$\underline{3} \times \underline{12} = \underline{36}$$

Dad is making us omelets. He has 2 cartons of eggs with 12 eggs in each. How many eggs does Dad have altogether?



$$\underline{2} \times \underline{12} = \underline{24}$$

The garden has 5 rows of flowers with 6 flowers in each row. How many flowers are in the garden?



$$\underline{5} \times \underline{6} = \underline{30}$$

My friend Emma has 7 toy cars. Each car has 4 wheels. How many wheels are there altogether?



$$\underline{7} \times \underline{4} = \underline{28}$$

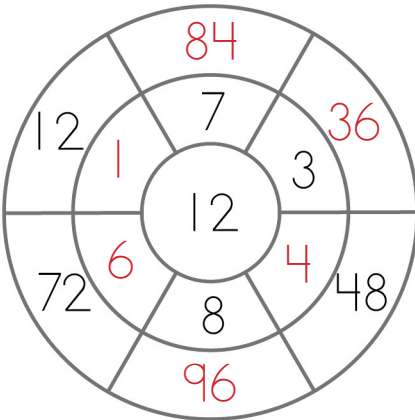
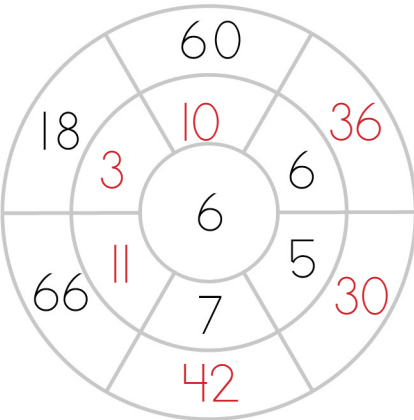
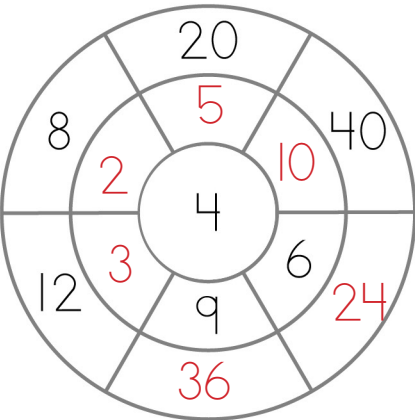
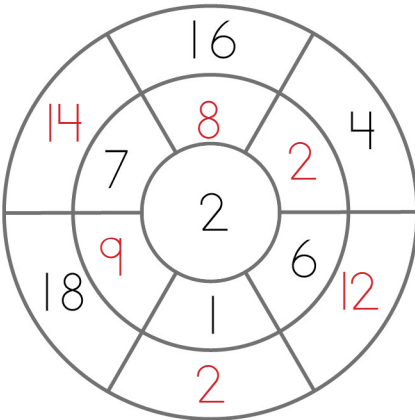
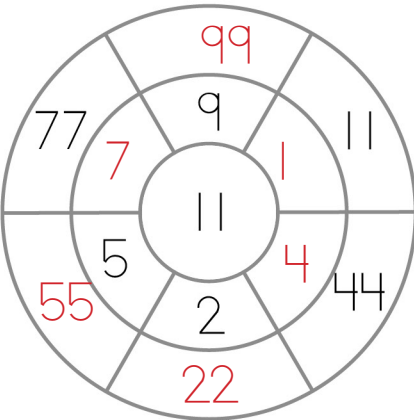
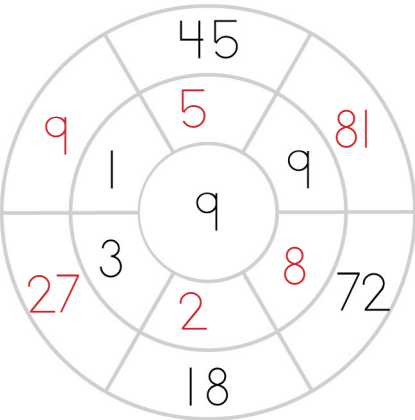
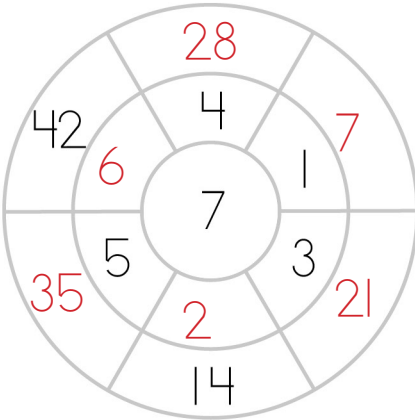
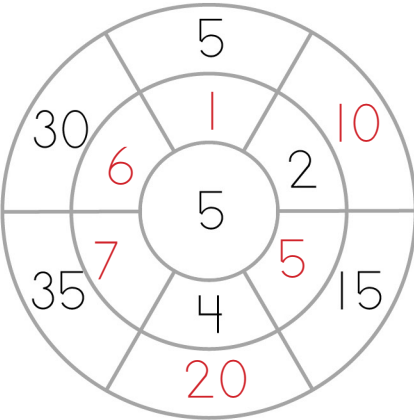
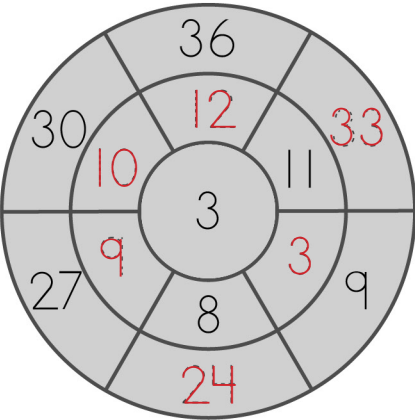
Solve the vertical multiplication problems below. Write the answers in the blue boxes. Use the multiplication table if you need help.

6	3	5	12	2
x 7	x 9	x 11	x 2	x 8
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<div>42</div>	<div>27</div>	<div>55</div>	<div>24</div>	<div>16</div>

3	6	7	9	8
x 7	x 5	x 7	x 3	x 4
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<div>21</div>	<div>30</div>	<div>49</div>	<div>27</div>	<div>32</div>

11	8	8	6	10
x 4	x 8	x 5	x 6	x 9
<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<div>44</div>	<div>64</div>	<div>40</div>	<div>36</div>	<div>90</div>

Write the missing numbers to complete the multiplication problems. Use the multiplication table if you need help.



Fill in the missing numbers to make the equations true. Use the multiplication table if you need help.

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

$$10 \times 2 = \boxed{20}$$

$$12 \times \boxed{1} = 12$$

$$11 \times 3 = \boxed{33}$$

$$11 \times \boxed{2} = 22$$

$$\boxed{5} \times 10 = 50$$

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

$$6 \times 12 = \boxed{72}$$

$$7 \times 6 = \boxed{42}$$

$$2 \times \boxed{2} = 4$$

$$3 \times 3 = \boxed{9}$$

$$\boxed{4} \times 4 = 16$$

$$1 \times 12 = \boxed{12}$$

$$4 \times \boxed{9} = 36$$

$$8 \times 10 = \boxed{80}$$

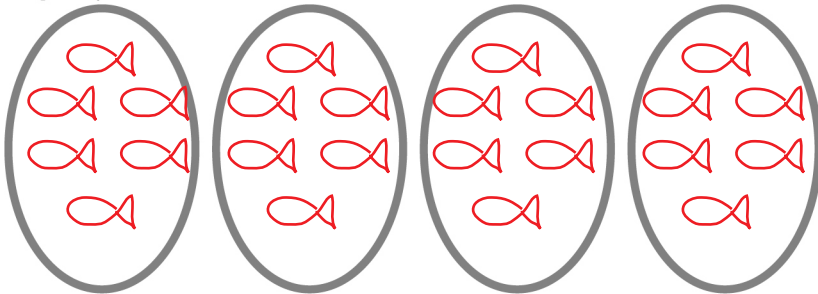
$$4 \times \boxed{6} = 24$$

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

$$10 \times 3 = \boxed{30}$$

Draw the groups of items in the shapes below. Multiply to solve the problems.
Write the answers on the lines below.

4 groups of 6 fish



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

2 groups of 12 clouds



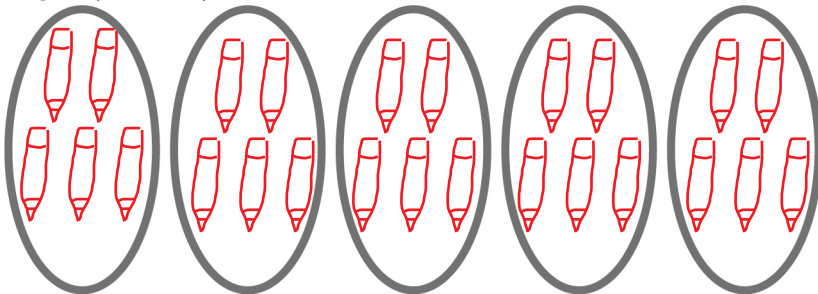
$$\underline{2} \times \underline{12} = \underline{24}$$

3 groups of 8 stars



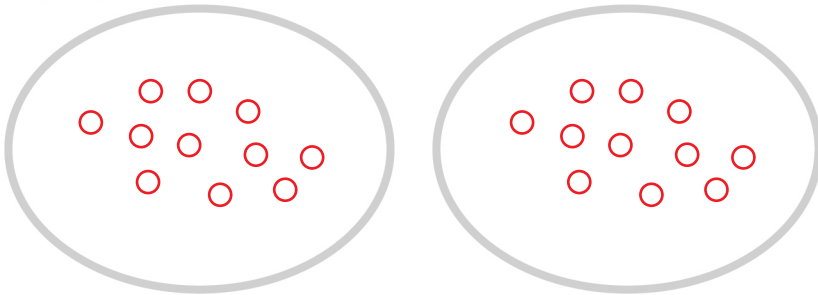
$$\underline{3} \times \underline{8} = \underline{24}$$

5 groups of 5 pencils



$$\underline{5} \times \underline{5} = \underline{25}$$

2 groups of 11 marbles



$$\underline{2} \times \underline{11} = \underline{22}$$

Fill in the missing numbers to make the equations true. Use the multiplication table if you need help.

$\begin{array}{r} \boxed{3} \\ \times 12 \\ \hline 36 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline \boxed{72} \end{array}$	$\begin{array}{r} 6 \\ \times 4 \\ \hline \boxed{24} \end{array}$	$\begin{array}{r} 4 \\ \times \boxed{7} \\ \hline 28 \end{array}$	$\begin{array}{r} 8 \\ \times \boxed{2} \\ \hline 16 \end{array}$
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$\begin{array}{r} 1 \\ \times 11 \\ \hline \boxed{11} \end{array}$	$\begin{array}{r} 6 \\ \times \boxed{9} \\ \hline 54 \end{array}$	$\begin{array}{r} 12 \\ \times \boxed{4} \\ \hline 48 \end{array}$	$\begin{array}{r} 7 \\ \times 3 \\ \hline \boxed{21} \end{array}$	$\begin{array}{r} 10 \\ \times \boxed{7} \\ \hline 70 \end{array}$
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$\begin{array}{r} 5 \\ \times \boxed{8} \\ \hline 40 \end{array}$	$\begin{array}{r} 11 \\ \times \boxed{6} \\ \hline 66 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline \boxed{45} \end{array}$	$\begin{array}{r} 12 \\ \times \boxed{8} \\ \hline 96 \end{array}$	$\begin{array}{r} 11 \\ \times 9 \\ \hline \boxed{99} \end{array}$
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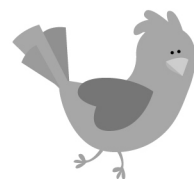
When solving word problems, look for clues. Numbers are clues! Circle the numbers and solve the word problems. Write the problems and answers on the lines below.

Tan has 3 closets and he has 11 shirts in each one. How many shirts does Tan have altogether?



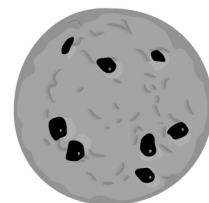
$$\underline{3} \times \underline{11} = \underline{33}$$

I can see 5 groups of birds in the sky. There are 9 birds in each group. How many birds are there total?



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

Andrew wants to bring cookies for his class 2 days this week. There are 10 people in his class. How many cookies does Andrew have to make?



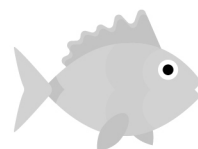
$$\underline{2} \times \underline{10} = \underline{20}$$

There are 7 bears wandering in the woods. Each bear has 2 cubs. How many cubs are there total?



$$\underline{7} \times \underline{2} = \underline{14}$$

Amanda has 5 fish tanks. She has 12 fish in each tank. How many fish does Amanda have?



$$\underline{5} \times \underline{12} = \underline{60}$$

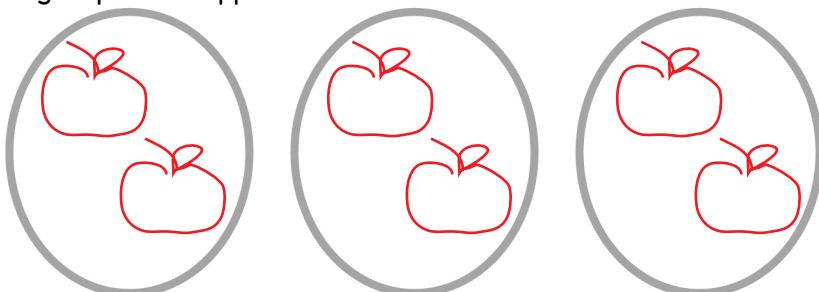
Draw the groups of items in the shapes below. Multiply to solve the problems.
Write the answers on the lines below.

5 groups of 4 trees



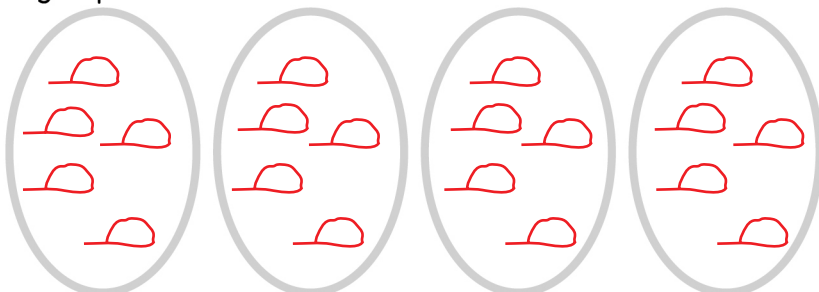
$$\underline{5} \times \underline{4} = \underline{20}$$

3 groups of 2 apples



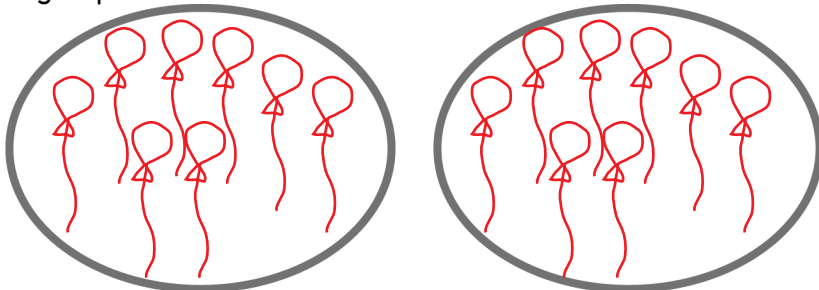
$$\underline{3} \times \underline{2} = \underline{6}$$

4 groups of 5 hats



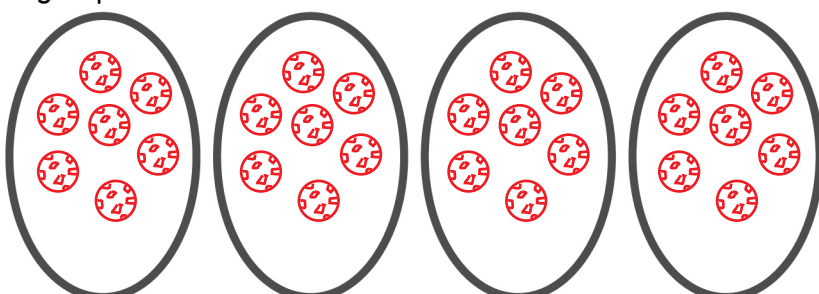
$$\underline{4} \times \underline{5} = \underline{20}$$

2 groups of 8 balloons



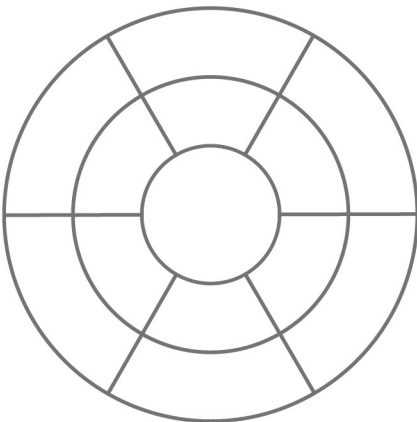
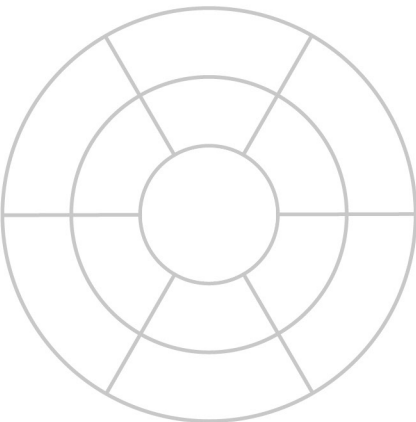
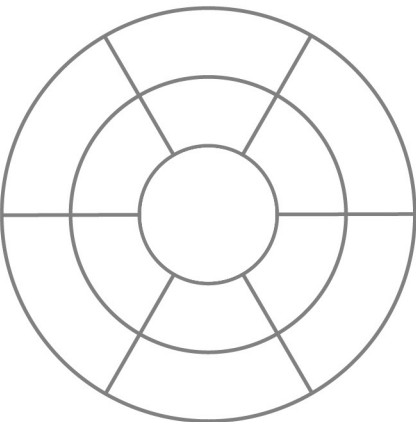
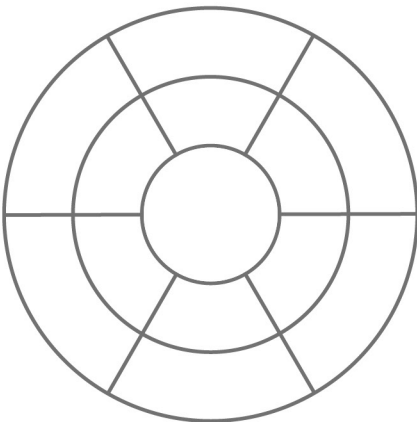
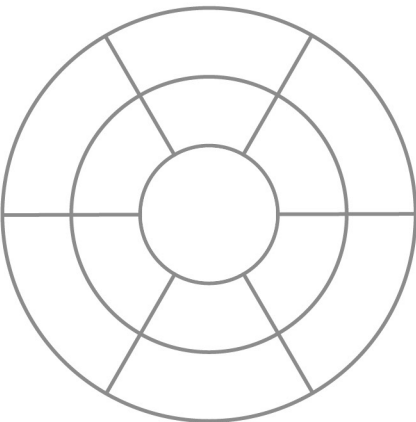
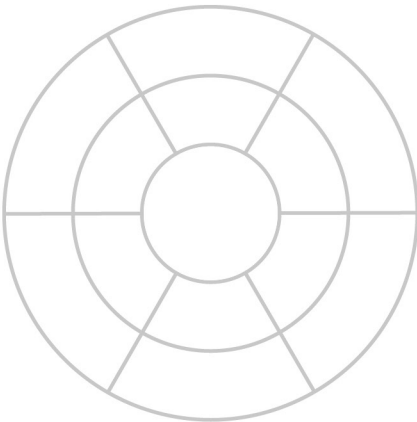
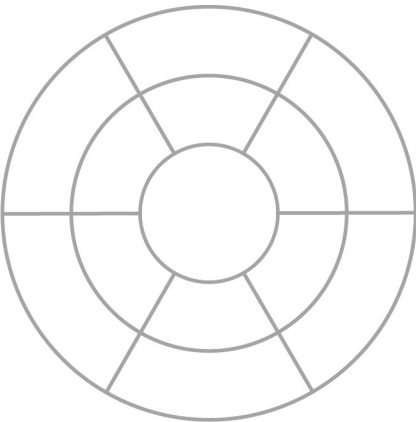
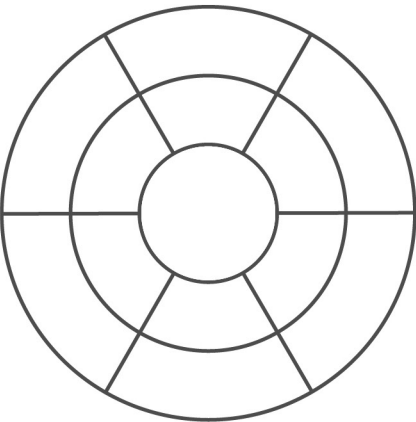
$$\underline{2} \times \underline{8} = \underline{16}$$

4 groups of 7 cookies



$$\underline{4} \times \underline{7} = \underline{28}$$

Continue practising multiplication using multiplication circles. Ask a friend or parent to write numbers in the center and second ring of the circles for you to solve. You can also try writing and solving your own multiplication circles.



Continue practising how to solve multiplication problems. Ask a friend or parent to write multiplication problems for you to solve. You can also try writing and solving your own multiplication problems.

$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$
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$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$
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$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$	$\begin{array}{r} \square \\ \square \\ \times \square \\ \hline \square \end{array}$
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