

Lesson 2 Reteach

Division as Equal Sharing

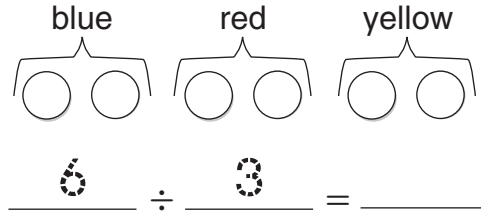
Color to make equal groups.

Make each group a new color.

6 ○

3 equal groups

2 in each group

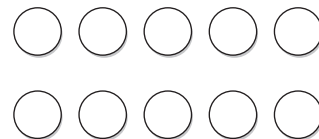


Color to make equal groups. Write how many in each group. Divide.

1. 10 ○

5 equal groups

 in each group

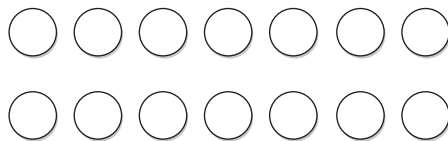


$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

2. 14 ○

2 equal groups

 in each group

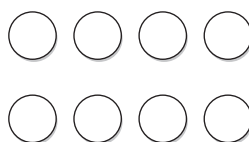


$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

3. 8 ○

4 equal groups

 in each group



$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Lesson 3 Reteach

Relate Division and Subtraction

Cal put 18 astronaut collector's cards in a scrapbook. He put 6 cards on each page. How many pages did Cal use?

Find $18 \div 6$.

You can use repeated subtraction.

$$\begin{array}{r} 18 \\ - 6 \\ \hline 12 \\ - 6 \\ \hline 6 \\ - 6 \\ \hline 0 \end{array} \begin{array}{l} \textcircled{1} \\ \textcircled{2} \\ \textcircled{3} \end{array}$$

Keep subtracting the same number until there is nothing left. Since the 6 was subtracted 3 times, $18 \div 6 = 3$.

Use repeated subtraction to divide.

1. $12 \div 4 =$ _____

$$\begin{array}{r} 12 \\ - 4 \\ \hline \square \\ - 4 \\ \hline \square \\ - 4 \\ \hline \square \end{array}$$

2. $20 \div 5 =$ _____

$$\begin{array}{r} 20 \\ - 5 \\ \hline \square \\ - 5 \\ \hline \square \\ - 5 \\ \hline \square \\ - 5 \\ \hline \square \end{array}$$

3. $21 \div 7 =$ _____

$$\begin{array}{r} 21 \\ - 7 \\ \hline \square \\ - 7 \\ \hline \square \\ - 7 \\ \hline \square \end{array}$$

Write how many times you need to subtract.

4. $8 \div 2 =$ _____

5. $6 \div 3 =$ _____

6. $10 \div 5 =$ _____

7. $12 \div 6 =$ _____

Use repeated subtraction to divide.

8. $18 \div 3 =$ _____

9. $24 \div 6 =$ _____

10. $28 \div 7 =$ _____

11. $30 \div 6 =$ _____

12. $8 \div 8 =$ _____

13. $27 \div 3 =$ _____

Lesson 5 Reteach

Inverse Operations

You can use an array to multiply and divide.

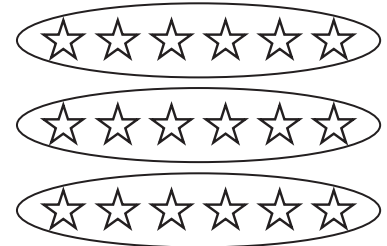
Find $18 \div 3$.

There are 18 stars in all. Make 3 groups with 6 stars in each group.

The fact family is 3, 6, and 18.

$$18 \div 3 = 6 \quad 18 \div 6 = 3$$

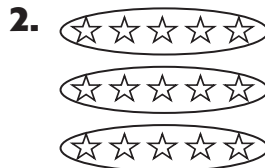
$$3 \times 6 = 18 \quad 6 \times 3 = 18$$



Use the array to divide. Write the related division and multiplication sentences.



$$12 \div 4 = \underline{\hspace{2cm}}$$



$$15 \div 3 = \underline{\hspace{2cm}}$$



$$24 \div 6 = \underline{\hspace{2cm}}$$



$$9 \div 3 = \underline{\hspace{2cm}}$$



$$18 \div 2 = \underline{\hspace{2cm}}$$

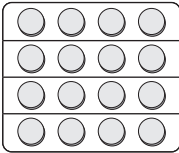


$$4 \div 4 = \underline{\hspace{2cm}}$$

Lesson 6 Reteach

Problem Solving: Use a Model

Chaz is putting away his books. He has 5 mysteries, 6 novels, 3 picture books, and 2 dictionaries. He wants to put the same number of books on each shelf. His bookcase has 4 shelves. How many books should Chaz put on each shelf?

Step 1 Understand	<p>You know: Chaz has 5 mysteries, 6 novels, 3 picture books, and 2 dictionaries. He wants to put away the same number on each of 4 shelves.</p> <p>You need to find out: how many books Chaz should put on each shelf</p>
Step 2 Plan	<p>You need to look at how to arrange items. So, you can use models to solve the problem.</p>
Step 3 Solve	<p>Draw a bookcase with 4 shelves. Use counters to represent each book. Fill the shelves until all the counters are used. Count the number of books on each shelf.</p> <div data-bbox="659 1444 837 1596"></div> <p>So, Chaz should put 4 books on each shelf.</p>
Step 4 Check	<p>Look back at the exercise. The total number of books is 16. Since $4 + 4 + 4 + 4 = 16$, you know the answer is correct.</p>

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Lesson 6 Reteach

Problem Solving (continued)

Solve each problem by using a model.

1. There were 25 people riding on a bus. If there were 5 stops and an equal number of people got on at each stop, how many people got on the bus at each stop?

2. If 6 people got on the bus at each stop for 3 stops, how many people in all are on the bus?

3. The first bus of the day took 25 people to their destinations. The second bus of the day took 18 people to their destinations. How many more people rode on the first bus than the second bus?

4. During recess, 14 children played the first game, 10 children played the second game, and 6 played the third. If this pattern continues, how many children played the fourth game?

5. Jan taught everyone the bunny hop dance. She said you take 3 hops forward, 4 hops back, 3 hops to the right, and 2 hops to the left. Lynne and Cheryl tried it out. If Lynne and Cheryl both did the dance, how many total hops did the two girls take?
