

Name _____

Fractions and Division**Essential Question** How can you write division problems as fractions?

Division and fractions both show sharing equal numbers of things or making equal-size groups. You can write division problems as fractions.

UNLOCK the Problem REAL WORLD

Mavi and her 2 sisters want to share 4 small pizzas equally. How much pizza will each person have?

- How many people want to share the pizzas?

Think: What is 4 divided by 3, or $4 \div 3$?



Each pizza is divided into _____ equal slices.

How many slices are in 4 pizzas? _____

What fraction of the pizza is each slice? _____

How many $\frac{1}{3}$ -size slices does each sister get? _____

What fraction of the pizzas does each sister get? _____

So, $4 \div 3$ is the same as $\frac{4}{3}$.

Math Talk

How can you write $\frac{4}{3}$ as a mixed number?

Share and Show



1. Alex baked a pan of corn bread and cut it into 12 equal-size pieces. Alex and his 3 sisters want to share the pieces equally.

What division problem can you write to solve the problem? _____

Write the division problem as a fraction. _____

Write the division problem as a fraction. Write each fraction greater than 1 as a whole number or mixed number.

2. $6 \div 2$

3. $1 \div 4$

4. $1 \div 3$

5. $32 \div 8$

On Your Own

Write the division problem as a fraction. Write each fraction greater than 1 as a whole number or mixed number.

6. $5 \div 6$

7. $3 \div 2$

8. $1 \div 8$

9. $2 \div 4$

10. $12 \div 3$

11. $9 \div 4$

12. $11 \div 2$

13. $8 \div 6$

Problem Solving



14. Stefan and his 2 friends want to share 16 muffins equally. Will each friend get more than or less than 5 whole muffins? **Explain** how you know.
