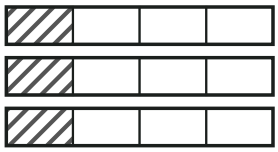
Fractions as Division

Name: _____

Grade 5 · Share wholes equally (3 ÷ 4 = 3/4), write divisions as fractions and back, then mixed numbers

How it works



One friend's share is striped.

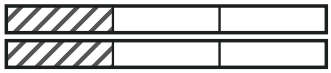
$$3 \div 4 = \frac{3}{4}$$

3 pizzas are shared equally by 4 friends. Cut each pizza into 4 equal parts. Each friend gets 1 part of every pizza: 3 fourths in all.

So 3 ÷ 4 is **3 fourths**. A fraction is its top number divided by its bottom number.

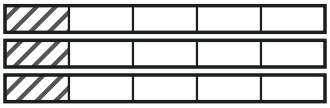
A. Write the division, then the fraction of a whole each person gets.

1. Shared equally by 3 people



$$\square \div \square = \frac{\square}{\square}$$

2. Shared equally by 5 people



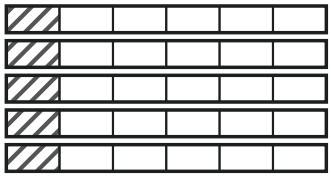
$$\square \div \square = \frac{\square}{\square}$$

3. Shared equally by 5 people



$$\square \div \square = \frac{\square}{\square}$$

4. Shared equally by 6 people



$$\square \div \square = \frac{\square}{\square}$$

5. Shared equally by 7 people



$$\square \div \square = \frac{\square}{\square}$$

6. Shared equally by 8 people



$$\square \div \square = \frac{\square}{\square}$$

B. Write each division as a fraction. Then write each fraction as a division.

7. $1 \div 6 = \frac{\square}{\square}$

8. $4 \div 9 = \frac{\square}{\square}$

9. $7 \div 10 = \frac{\square}{\square}$

10. $9 \div 4 = \frac{\square}{\square}$

11. $\frac{3}{8} = \square \div \square$

12. $\frac{5}{2} = \square \div \square$

13. $\frac{2}{9} = \square \div \square$

14. $\frac{11}{6} = \square \div \square$

C. Write each division as a mixed number.

15. $7 \div 2 = \square\ \frac{\square}{\square}$

16. $17 \div 5 = \square\ \frac{\square}{\square}$

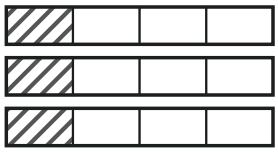
17. $11 \div 4 = \square\ \frac{\square}{\square}$

18. $23 \div 6 = \square\ \frac{\square}{\square}$

Fractions as Division (Answer Key)

Grade 5 · Share wholes equally (3 ÷ 4 = 3/4), write divisions as fractions and back, then mixed numbers

How it works



One friend's share is striped.

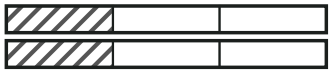
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So 3 ÷ 4 is **3 fourths**. A fraction is its top number divided by its bottom number.

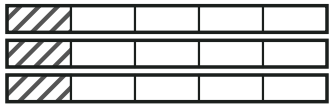
A. Write the division, then the fraction of a whole each person gets.

1. Shared equally by 3 people



$2 \div 3 = \frac{2}{3}$

2. Shared equally by 5 people



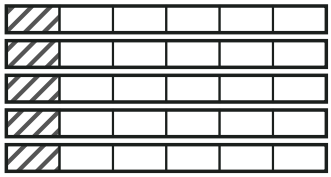
$3 \div 5 = \frac{3}{5}$

3. Shared equally by 5 people



$2 \div 5 = \frac{2}{5}$

4. Shared equally by 6 people



$5 \div 6 = \frac{5}{6}$

5. Shared equally by 7 people



$4 \div 7 = \frac{4}{7}$

6. Shared equally by 8 people



$3 \div 8 = \frac{3}{8}$

B. Write each division as a fraction. Then write each fraction as a division.

7. $1 \div 6 = \frac{1}{6}$

8. $4 \div 9 = \frac{4}{9}$

9. $7 \div 10 = \frac{7}{10}$

10. $9 \div 4 = \frac{9}{4}$

11. $\frac{3}{8} = 3 \div 8$

12. $\frac{5}{2} = 5 \div 2$

13. $\frac{2}{9} = 2 \div 9$

14. $\frac{11}{6} = 11 \div 6$

C. Write each division as a mixed number.

15. $7 \div 2 = 3\frac{1}{2}$

16. $17 \div 5 = 3\frac{2}{5}$

17. $11 \div 4 = 2\frac{3}{4}$

18. $23 \div 6 = 3\frac{5}{6}$