

Name _____

Fractions and Division

Fractions can represent division. You can write a division expression as a fraction. For example:

Write a fraction for $5 \div 7$.

The first number in the division expression is the numerator of the fraction. The second number in the division expression is the denominator of the fraction.

$$\begin{array}{l} \xrightarrow{\hspace{1.5cm}} 5 \text{ Numerator} \\ 5 \div 7 \xrightarrow{\hspace{1.5cm}} 7 \text{ Denominator} \end{array}$$

So, $5 \div 7 = \frac{5}{7}$.

Give each answer as a fraction.

1. $3 \div 10$ _____

2. $7 \div 12$ _____

3. $2 \div 3$ _____

4. $8 \div 9$ _____

5. $2 \div 5$ _____

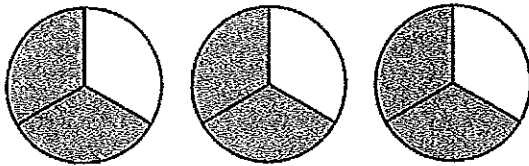
6. $1 \div 6$ _____

7. $6 \div 10$ _____

8. $9 \div 13$ _____

9. $14 \div 16$ _____

Reasoning Three congruent circles are each divided into three equal parts. Use these three circles for 10 through 12.



10. What part of a whole circle is shown by the white, or unshaded, area of one circle? _____

11. What part of a whole circle is shown by the white, or unshaded, area of two circles? _____

12. What part of a whole circle is shown by the white, or unshaded, area of three circles? _____