

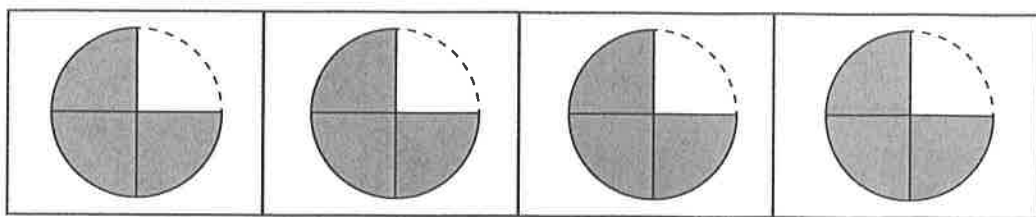
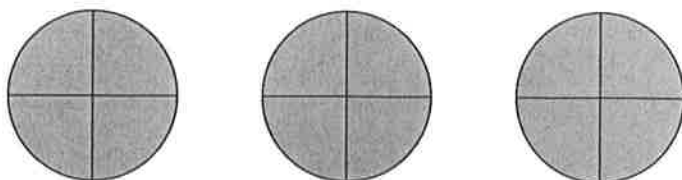
Name: _____

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Practice 3 Fractions, Mixed Numbers, and Division Expressions

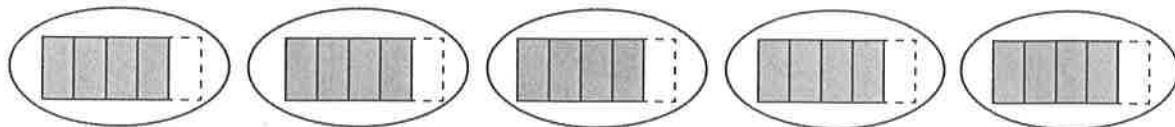
Look at the diagram. Complete.

Example



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

1.



$$\underline{\quad} \div \underline{\quad} = \frac{\boxed{\quad}}{\boxed{\quad}}$$

Write each division expression as a fraction.

2. $5 \div 7 = \frac{\boxed{}}{\boxed{}}$

3. $3 \div 10 = \frac{\boxed{}}{\boxed{}}$

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

5. $2 \div 11 = \frac{\boxed{}}{\boxed{}}$

Write each fraction as a division expression.

Example

$\frac{7}{8} = \underline{7} \div \underline{8}$

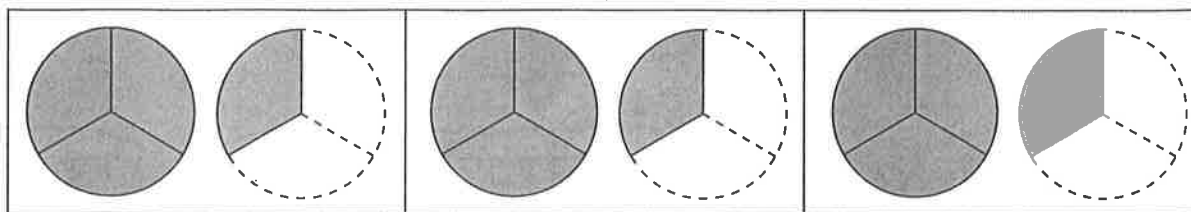
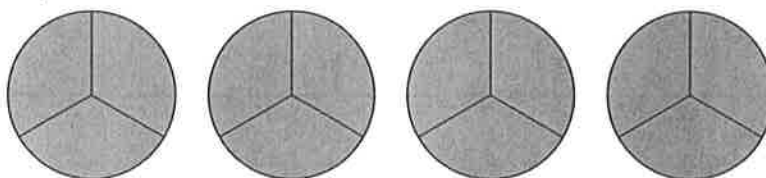
6. $\frac{5}{12} = \underline{} \div \underline{}$

7. $\frac{1}{10} = \underline{} \div \underline{}$

8. $\frac{6}{7} = \underline{} \div \underline{}$

Look at the diagram. Complete.

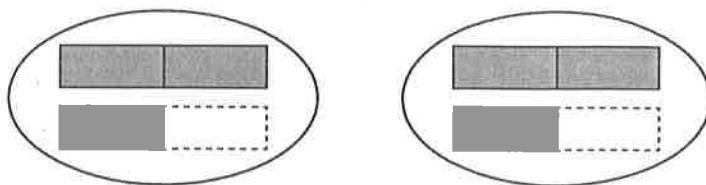
Example



$\underline{4} \div \underline{3} = \frac{\boxed{4}}{\boxed{3}} = \boxed{1} \frac{\boxed{1}}{\boxed{3}}$

Look at the diagram. Complete.

9.



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

Complete.

10.

$$\begin{aligned} 7 \div 4 &= \frac{\boxed{}}{\boxed{}} \\ &= \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} \\ &= 1 + \frac{\boxed{}}{\boxed{}} \\ &= \boxed{} \frac{\boxed{}}{\boxed{}} \end{aligned}$$

11.

$$\begin{aligned} 35 \div 11 &= \frac{\boxed{}}{\boxed{}} \\ &= \frac{\boxed{}}{\boxed{}} + \frac{\boxed{}}{\boxed{}} \\ &= 3 + \frac{\boxed{}}{\boxed{}} \\ &= \boxed{} \frac{\boxed{}}{\boxed{}} \end{aligned}$$

Divide. Express each quotient as a mixed number.

Example

$$5 \div 3 = 1 \frac{\boxed{2}}{\boxed{3}} \quad \begin{array}{r} 1 \\ 3 \overline{) 5} \\ \underline{3} \\ 2 \end{array}$$

12.

$$7 \div 2 = 3 \frac{\boxed{}}{\boxed{}}$$

13.

$$9 \div 4 = 2 \frac{\boxed{}}{\boxed{}}$$

14.

$$18 \div 5 = 3 \frac{\boxed{}}{\boxed{}}$$

Write each fraction in simplest form. Then divide to express each quotient as a mixed number.

15.

$$18 \div 4 = \frac{\boxed{}}{\boxed{}}$$

$$= \frac{\boxed{}}{\boxed{}}$$

$$= \boxed{} \frac{\boxed{}}{\boxed{}}$$

16.

$$22 \div 6 = \frac{\boxed{}}{\boxed{}}$$

$$= \frac{\boxed{}}{\boxed{}}$$

$$= \boxed{} \frac{\boxed{}}{\boxed{}}$$