

## Number Factory

WRITE the fractions that will come out of each machine in their simplest form.

HINT: When dividing fractions, multiply by the reciprocal of the divisor.

**1.**  $\div \frac{1}{6}$

$\frac{1}{6}$   $\frac{2}{15}$   $\frac{1}{5}$   $\frac{3}{4}$

**2.**  $\div \frac{2}{3}$

$\frac{1}{4}$   $\frac{1}{6}$   $\frac{1}{3}$   $\frac{4}{9}$

**3.**  $\div \frac{4}{5}$

$\frac{1}{5}$   $\frac{3}{4}$   $\frac{3}{10}$   $\frac{8}{9}$

# Dividing Fractions

## Fraction Flip

Use any of the cards from page 113, and DEAL the cards into the boxes. Then WRITE each quotient.

$$\boxed{\phantom{\frac{\phantom{0}}{\phantom{0}}}} \div \boxed{\phantom{\frac{\phantom{0}}{\phantom{0}}}} = \underline{\phantom{\frac{\phantom{0}}{\phantom{0}}}}$$

$$\boxed{\phantom{\frac{\phantom{0}}{\phantom{0}}}} \div \boxed{\phantom{\frac{\phantom{0}}{\phantom{0}}}} = \underline{\phantom{\frac{\phantom{0}}{\phantom{0}}}}$$

$$\boxed{\phantom{\frac{\phantom{0}}{\phantom{0}}}} \div \boxed{\phantom{\frac{\phantom{0}}{\phantom{0}}}} = \underline{\phantom{\frac{\phantom{0}}{\phantom{0}}}}$$

$$\boxed{\phantom{\frac{\phantom{0}}{\phantom{0}}}} \div \boxed{\phantom{\frac{\phantom{0}}{\phantom{0}}}} = \underline{\phantom{\frac{\phantom{0}}{\phantom{0}}}}$$

## Pipe Down

WRITE the missing fraction or mixed number in its simplest form. Then FOLLOW the pipe, and WRITE the same fraction in the next problem.

$$\frac{1}{6} \div \frac{2}{3} =$$

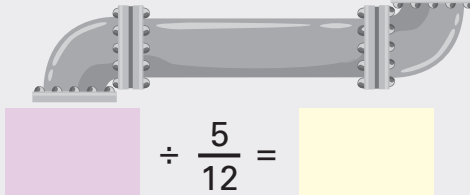


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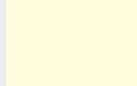


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$$2\frac{1}{2}$$



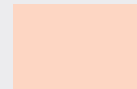
$$\div \frac{5}{12} =$$



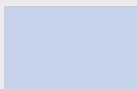
$$1\frac{4}{5} \div$$



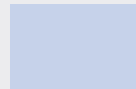
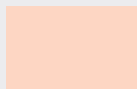
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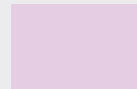
$$4 \div$$



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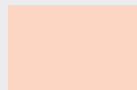
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$$1\frac{4}{11}$$

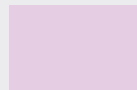
$$1\frac{2}{7} \div$$



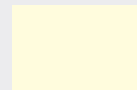
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$$5\frac{1}{2} \div$$



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# Dividing Fractions

## Code Breaker

WRITE each quotient as a fraction or mixed number in its simplest form. Then WRITE the letter that matches each quotient to solve the riddle.

$4\frac{5}{8} \div 1\frac{1}{8} =$ <input type="text"/> <sup>1</sup>	$6\frac{2}{7} \div 1\frac{1}{3} =$ <input type="text"/> <sup>2</sup>	$5 \div 4\frac{1}{6} =$ <input type="text"/> <sup>3</sup>
M	E	R
$9\frac{3}{5} \div 2\frac{1}{10} =$ <input type="text"/> <sup>4</sup>	$8 \div 2\frac{2}{3} =$ <input type="text"/> <sup>5</sup>	$6\frac{3}{4} \div 3 =$ <input type="text"/> <sup>6</sup>
G	T	O



What is the pine's favorite part of this workbook?

$\frac{4}{7}$

$\frac{4}{7}$

$2\frac{1}{4}$

$4\frac{1}{9}$

$4\frac{5}{7}$

3

$1\frac{1}{5}$

$4\frac{5}{7}$

$4\frac{5}{7}$