

Equivalent Fractions Pre/Post-Test

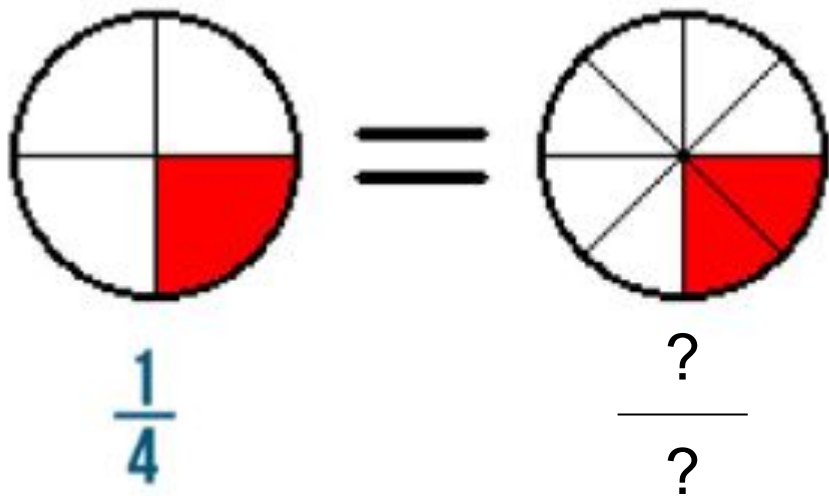
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Take your time and do your best answering the questions carefully. It is alright if you don't know the answers yet. Make an educated guess. You will learn how to do these types of problems over the next couple of weeks.

Question 1

Use the model to write an equivalent fraction. Replace the question marks with your answer.



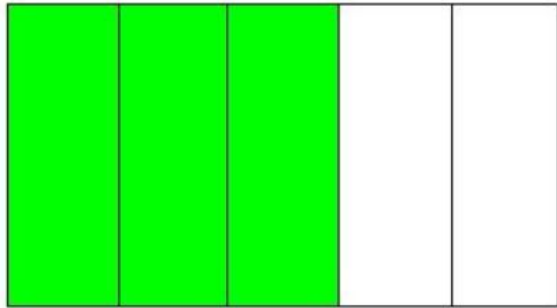
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Question 2

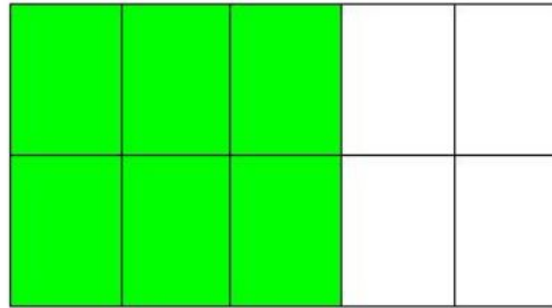
Use the model to write an equivalent fraction.

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$$\frac{3}{5}$$

=



$$\frac{?}{?}$$

Question 3

Tell whether the fractions are equivalent by dragging the correct symbol into the box.

$$\frac{3}{15} \quad \square \quad \frac{1}{6}$$

\neq

$=$

$$\frac{2}{3} \quad \square \quad \frac{8}{12}$$

\neq

$=$

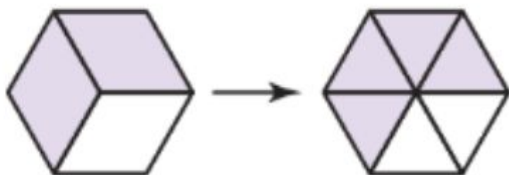
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Question 4

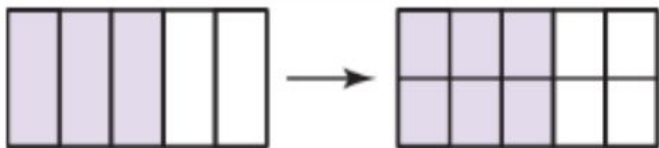
Use multiplication to write three equivalent fractions.

MODEL

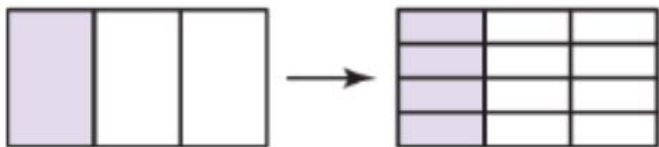


RELATE EQUIVALENT FRACTIONS

$$\frac{2}{3} \times \frac{?}{?} = \frac{?}{?}$$



$$\frac{3}{5} \times \frac{?}{?} = \frac{?}{?}$$



$$\frac{1}{3} \times \frac{?}{?} = \frac{?}{?}$$

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Question 5

Write two equivalent fractions using multiplication.

$$\frac{4}{5}$$

$$\frac{4}{5} = \frac{4 \times \boxed{?}}{5 \times \boxed{?}} = \frac{\boxed{?}}{\boxed{?}}$$

$$\frac{4}{5} = \frac{4 \times \boxed{?}}{5 \times \boxed{?}} = \frac{\boxed{?}}{\boxed{?}}$$

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Question 6

Write an equivalent fraction using multiplication.

 $\frac{3}{6}$

$$\frac{3}{6} \times \frac{\boxed{?}}{\boxed{?}} = \frac{\boxed{?}}{\boxed{?}}$$

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Question 7

Write the fraction in simplest form.

$$\frac{8}{10} = \frac{8 \div ?}{10 \div ?} = \frac{?}{?}$$

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Question 8

Write the fraction in simplest form.

$$\frac{2}{8} = \frac{2}{8} \div \frac{?}{?} = \frac{?}{?}$$

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Question 9

Six out of the 12 members of the school choir are boys. In simplest form, what fraction of the choir is boys?

$$\frac{6}{12} = \frac{6}{12} \div \frac{?}{?} = \frac{?}{?}$$

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Question 10

Write the two fractions with common denominators.

$$\frac{3}{10} \text{ and } \frac{1}{2}$$

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$$\frac{\quad?}{\quad?} \text{ and } \frac{\quad?}{\quad?}$$



Question 11

Write the two fractions with common denominators.

$$\frac{3}{5} \text{ and } \frac{3}{4}$$

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$$\frac{\quad?}{\quad?} \quad \text{and} \quad \frac{\quad?}{\quad?}$$



Question 12

Paul needs to buy $\frac{5}{8}$ pound of peanuts. The scale at the store measures parts of a pound in sixteenths. What measure is equivalent to $\frac{5}{8}$ pound?

$$\frac{5}{8} = \frac{5}{8} \times \frac{\boxed{?}}{\boxed{?}} = \frac{\boxed{?}}{\boxed{?}}$$

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