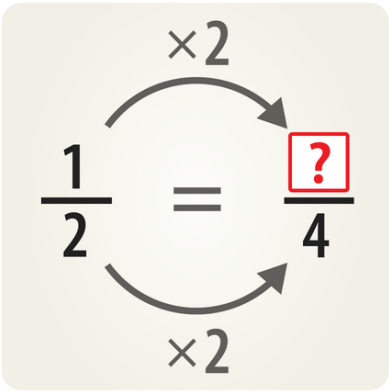
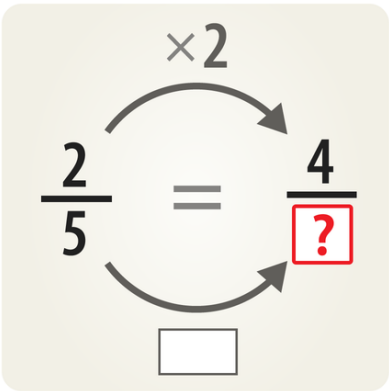
Equivalent Fractions

Core

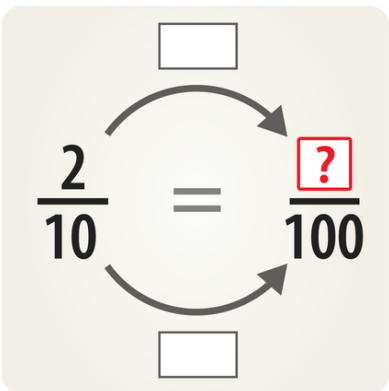
1: Find the number that replaces the ? in the equivalent fractions.



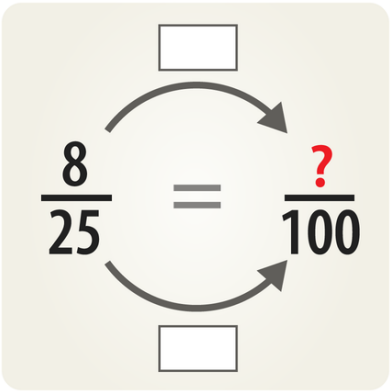
2: Find the number that replaces the ? in the equivalent fractions.



3: Find the number that replaces the ? in the equivalent fractions.



4: Find the number that replaces the ? in the equivalent fractions.



5: What is the missing number in these equivalent fractions?

$\frac{2}{5} = \frac{?}{15}$

6: What is the missing number in these equivalent fractions?

$\frac{1}{4} = \frac{5}{?}$

Extension

1: Find the missing number in these equivalent fractions:

$\frac{2}{25} = \frac{?}{100}$

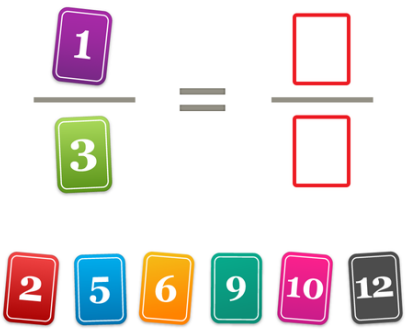
2: What is the missing number in these equivalent fractions?

$\frac{6}{15} = \frac{?}{5}$

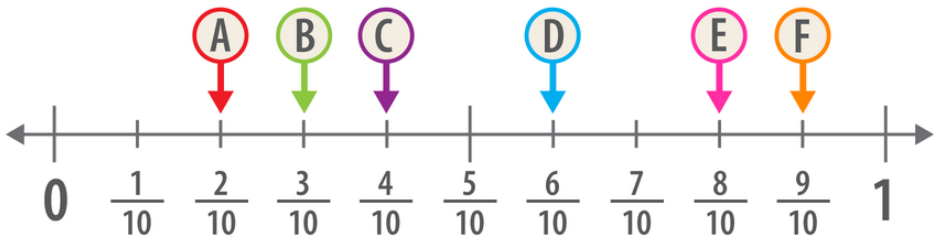
3: Work out the missing number in these equivalent fractions:

$\frac{?}{4} = \frac{6}{8}$

4: Use two of the cards below to make a fraction that is equivalent to $\frac{1}{3}$.



5: Which letter marks $\frac{3}{5}$ on the number line below?



Challenge

1: Find the fraction that is equivalent to $\frac{4}{7}$ and has a denominator of 35.

2: Hana is thinking of a fraction equivalent to $\frac{5}{9}$.

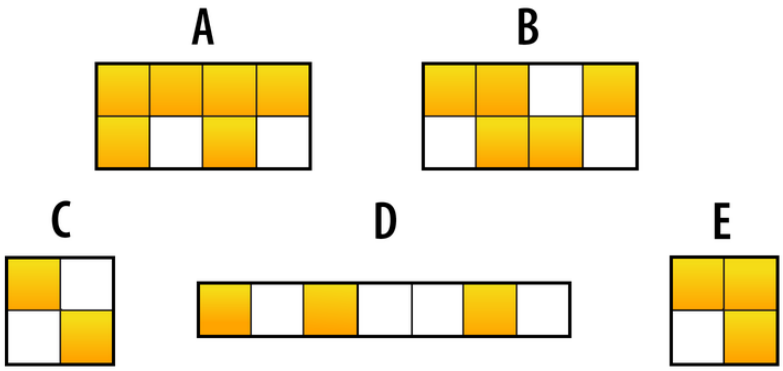
The numerator is greater than 18 and the denominator is less than 40.

What fraction is Hana thinking of?

3: In your book, copy and complete the image to find three equivalent fractions.

$$\frac{1}{3} = \frac{3}{\square} = \frac{\square}{15}$$

4: Which two of the shapes below are $\frac{3}{4}$ shaded?



5: Which two of these fractions are equivalent to a whole?

$$\frac{1}{4} \quad \frac{8}{8} \quad \frac{0}{1} \quad \frac{1}{7} \quad \frac{0}{4} \quad \frac{4}{4}$$
