

Fill in the blanks using your knowledge of equivalent fractions

Hint: Compare two known corresponding parts of both fractions (meaning numerator to numerator or denominator to denominator) to find missing factor between them and then use the same factor to find the unknown part of the other fraction.

$\frac{2}{3} = \frac{\square}{6}$ <p><i>How to turn 3 into 6?</i></p>	$\frac{2}{3 \times 2} = \frac{\square}{6}$ <p><i>Answer is, times by 2.</i></p>	$\frac{2 \times 2}{3 \times 2} = \frac{\square}{6}$ <p><i>So, numerator also times by 2.</i></p>	$\frac{2}{3} = \frac{4}{6}$
$\frac{9}{12} = \frac{\square}{4}$ <p><i>How to turn 12 into 4?</i></p>	$\frac{9}{12 \div 3} = \frac{\square}{4}$ <p><i>Answer is, divide by 3.</i></p>	$\frac{9 \div 3}{12 \div 3} = \frac{\square}{4}$ <p><i>So, numerator also divides by 3</i></p>	$\frac{9}{12} = \frac{3}{4}$
$\frac{1}{\square} = \frac{5}{15}$ <p><i>How to turn 1 into 5?</i></p>	$\frac{1 \times 5}{\square} = \frac{5}{15}$ <p><i>Answer is, times by 5.</i></p>	$\frac{1 \times 5}{\square \times 5} = \frac{5}{15}$ <p><i>So, denominator also times by 5</i></p>	$\frac{1}{3} = \frac{5}{15}$

Now you try the following questions:

1)
$$\frac{4}{5} = \frac{\square}{15}$$

2)
$$\frac{3}{6} = \frac{1}{\square}$$

3)
$$\frac{3}{8} = \frac{\square}{32}$$

4)
$$\frac{\square}{40} = \frac{7}{8}$$

5)
$$\frac{14}{\square} = \frac{7}{9}$$