

Fill in the blanks using your knowledge of the equivalent fractions

A. $\frac{5}{6} = \frac{15}{\square}$

Sol: To do these kinds of problems; look at the numerators and denominators of both the fractions and locate which one you know (numerators or denominators) for both of the fractions.

In the given problem we know the numerators of both the fractions. So, focusing on the numerators, find how to turn 5 into 15?

The answer is; 5 is getting multiplied by 3 to get 15.

So, we found that the factor between both the equivalent fractions is 3. In other words, the first fraction is multiplied by 3 to get the second fraction.

Therefore, the number in the blank box is $6 \times 3 = 18$

Show your work as given below:

$$\frac{5}{6} \xrightarrow{\times 3} \frac{15}{\boxed{18}}$$

So, the answer for the blank is 18.

B. $\frac{24}{40} = \frac{3}{\square}$

Sol: If we look at the numerators and denominators of both the fractions, numerators of both the fractions are given.

So, focusing on the numerators of both the fractions, find how to get 3 from 24?

The answer is; 24 is getting divided by 8 to get 3.

So, we found that the factor between both the equivalent fractions is 8. In other words, the first fraction is getting divided by 8 to get the second fraction.

Therefore, the number in the blank box is $40 \div 8 = 5$

Show your work as given below:

$$\frac{24}{40} \xrightarrow{\div 8} \frac{3}{\boxed{5}}$$

So, the answer for the blank is 5.