Name: ..... Class: .....

Multiples of unit fractions: find the missing numbers

Complete the following multiplication expressions.

Example : $\frac{5}{10} = \square \times \square$

Here, we need to break the fraction as the product of a whole number and a unit fraction.
To do this, let's first of all pull out our unit fraction.

$\frac{5}{10} = \frac{1}{10} \times ?$

Now, let's find out how many $\frac{1}{10}$ we have in the fraction $\frac{5}{10}$ → we have five $\frac{1}{10}$ in the fraction.

So, $\frac{5}{10} = \frac{1}{10} \times 5$

$\frac{6}{12} = \square \times \square$ $\quad$ $\frac{2}{5} = \square \times \square$ $\quad$ $\frac{7}{11} = \square \times \square$

$\frac{1}{3} = \square \times \square$ $\quad$ $\frac{12}{17} = \square \times \square$ $\quad$ $\frac{14}{5} = \square \times \square$

$\frac{19}{9} = \square \times \square$ $\quad$ $\frac{15}{8} = \square \times \square$ $\quad$ $\frac{53}{60} = \square \times \square$

$\frac{10}{9} = \square \times \square$ $\quad$ $\frac{14}{28} = \square \times \square$ $\quad$ $\frac{89}{100} = \square \times \square$

Solution

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$\frac{6}{12} = \frac{1}{12} \times 6$ $\quad$ $\frac{2}{5} = \frac{1}{5} \times 2$ $\quad$ $\frac{7}{11} = \frac{1}{11} \times 7$

$\frac{1}{3} = \frac{1}{3} \times 1$ $\quad$ $\frac{12}{17} = \frac{1}{17} \times 12$ $\quad$ $\frac{14}{5} = \frac{1}{5} \times 14$

$\frac{19}{9} = \frac{1}{9} \times 19$ $\quad$ $\frac{15}{8} = \frac{1}{8} \times 15$ $\quad$ $\frac{53}{60} = \frac{1}{60} \times 53$

$\frac{10}{9} = \frac{1}{9} \times 10$ $\quad$ $\frac{14}{28} = \frac{1}{28} \times 14$ $\quad$ $\frac{89}{100} = \frac{1}{100} \times 89$