

**Solve**

Unlike fractions: S2

Find the value of the variable in each problem.

1)  $5\frac{4}{5} + 2\frac{1}{2} = \frac{83}{z}$        $z =$

2)  $\frac{5}{7} + \frac{c}{3} = 5\frac{1}{21}$        $c =$

3)  $\frac{q}{4} + \frac{7}{4} = \frac{45}{z}$        $z =$

4)  $\frac{14}{5} + \frac{7}{5} = \frac{45}{z}$        $z =$

5)  $9\frac{10}{12} + \frac{7}{12} = \frac{45}{z}$        $z =$

6)  $\frac{5}{y} + \frac{7}{y} = \frac{45}{z}$        $z =$

7)  $1\frac{b}{10} + \frac{7}{10} = \frac{45}{z}$        $z =$

8)  $\frac{3}{5} + \frac{7}{5} = \frac{45}{z}$        $z =$

9)  $6\frac{1}{2} + \frac{x}{10} = \frac{69}{10}$        $x =$

10)  $\frac{13}{8} + 7\frac{6}{12} = 9\frac{c}{8}$        $c =$

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3)  $\frac{q}{4} + \frac{7}{4} = \frac{45}{4}$        $q =$

4)  $\frac{14}{5} + \frac{1}{5} = \frac{15}{5}$        $15 =$

5)  $9\frac{10}{12} + \frac{1}{12} = \frac{11}{12}$        $11 =$

6)  $\frac{5}{y} + \frac{1}{y} = \frac{6}{y}$        $6 =$

7)  $1\frac{b}{10} + \frac{1}{10} = \frac{11}{10}$        $11 =$

8)  $\frac{3}{5} + \frac{2}{5} = \frac{5}{5}$        $5 =$

9)  $6\frac{1}{2} + \frac{x}{10} = \frac{69}{10}$        $x =$

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