

Name : _____

Solve

Like fractions: S3

Find the value of the variable in each problem.

1) $1\frac{7}{12} + 1\frac{9}{12} = \frac{10}{b}$ $b = \square$

2) $\frac{d}{2} + \frac{9}{2} = 7$ $d = \square$

3) $7\frac{4}{9} + \frac{8}{n} = \frac{8}{n}$ $n = \square$

4) $\frac{20}{17} + \frac{5}{17} = \frac{25}{17}$ $\frac{25}{17} = \frac{25}{17}$ \square

5) $\frac{5}{10} + \frac{5}{10} = \frac{10}{10}$ $\frac{10}{10} = 1$ \square

6) $2\frac{c}{7} + \frac{c}{7} = 2\frac{c}{7}$ $2\frac{c}{7} = 2\frac{c}{7}$ \square

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

8) $5\frac{z}{15} + \frac{z}{15} = \frac{z}{15}$ $\frac{z}{15} = \frac{z}{15}$ \square

9) $\frac{13}{18} + \frac{11}{18} = 1\frac{1}{q}$ $q = \square$

10) $\frac{3}{8} + \frac{r}{8} = 1$ $r = \square$

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Solve

Find the value of the variable in each problem.

1) $1\frac{7}{12} + 1\frac{9}{12} = \frac{10}{b}$ $b =$

2) $\frac{d}{2} + \frac{9}{2} = 7$ $d =$

3) $7\frac{4}{9} + \frac{8}{9} = n$ $n =$

4) $\frac{20}{17} + \frac{1}{17} = \frac{21}{17}$ $\frac{21}{17} =$

5) $\frac{5}{10} + \frac{2}{10} = \frac{7}{10}$ $\frac{7}{10} =$

6) $2\frac{c}{7} + \frac{1}{7} = 2\frac{1}{7}$ $c =$

7) $\frac{7}{5} + \frac{2}{5} = \frac{9}{5}$ $\frac{9}{5} =$

8) $5\frac{z}{15} + \frac{1}{15} = 5\frac{1}{15}$ $z =$

9) $\frac{13}{18} + \frac{11}{18} = 1\frac{1}{q}$ $q =$

10) $\frac{3}{8} + \frac{r}{8} = 1$ $r =$

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