

Name : _____

Solve

Like fractions: S4

Find the value of the variable in each problem.

1) $\frac{3}{7} + \frac{8}{7} = \frac{b}{7}$ $b = \square$

2) $5\frac{1}{2} + 2\frac{n}{2} = 8$ $n = \square$

3) $\frac{d}{15} + \frac{8}{15} = \frac{16}{15}$ $d = \square$

4) $\frac{12}{11} + \frac{1}{11} = \frac{13}{11}$ $x = \square$

5) $6\frac{2}{5} + \frac{1}{5} = 7$ $y = \square$

6) $1\frac{z}{17} + \frac{1}{17} = 1\frac{1}{17}$ $z = \square$

7) $\frac{19}{6} + \frac{1}{6} = \frac{20}{6}$ $w = \square$

8) $\frac{13}{20} + \frac{7}{20} = \frac{20}{20}$ $v = \square$

9) $3\frac{10}{12} + \frac{7}{12} = \frac{p}{12}$ $p = \square$

10) $\frac{a}{3} + 6\frac{1}{3} = 7$ $a = \square$

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Find the value of the variable in each problem.

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3) $\frac{d}{15} + \frac{8}{15} = \frac{16}{15}$ d =

4) $\frac{12}{11} + \frac{1}{11} = \frac{13}{11}$ =

5) $6\frac{2}{5} + \frac{1}{5} = 6\frac{3}{5}$ =

6) $1\frac{z}{17} + \frac{1}{17} = 1\frac{1}{17}$ =

7) $\frac{19}{6} + \frac{1}{6} = \frac{20}{6}$ =

8) $\frac{13}{20} + \frac{10}{20} = \frac{23}{20}$ =

9) $3\frac{10}{12} + \frac{7}{12} = \frac{p}{12}$ p =

10) $\frac{a}{3} + 6\frac{1}{3} = 7$ a =

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