Name : _____ Score : _____

Solve

Like fractions: S1

Find the value of the variable in each problem.

1) $\frac{y}{4} + \frac{5}{4} = \frac{11}{4}$ y = ☐

2) $\frac{13}{14} + \frac{16}{14} = \frac{q}{14}$ q = ☐

3) $5\frac{1}{2} + \frac{6}{2} = 8\frac{1}{a}$ a = ☐

4) $\frac{4}{7} + \frac{c}{7} = 1\frac{2}{7}$ c = ☐

5) $3\frac{11}{17} + 4\frac{10}{17} = 8\frac{n}{17}$ n = ☐

6) $\frac{r}{13} + \frac{16}{13} = \frac{31}{13}$ r = ☐

7) $\frac{3}{5} + 8\frac{b}{5} = 9$ b = ☐

8) $\frac{17}{20} + \frac{21}{20} = \frac{19}{x}$ x = ☐

9) $2\frac{m}{6} + 3\frac{3}{6} = \frac{35}{6}$ m = ☐

10) $\frac{6}{9} + \frac{2}{9} = \frac{d}{9}$ d = ☐

Name : _____ **Answer Key** Score : _____

Solve

Like fractions: S1

Find the value of the variable in each problem.

1) $\frac{y}{4} + \frac{5}{4} = \frac{11}{4}$ $y = \boxed{6}$

2) $\frac{13}{14} + \frac{16}{14} = \frac{q}{14}$ $q = \boxed{29}$

3) $5\frac{1}{2} + \frac{6}{2} = 8\frac{1}{a}$ $a = \boxed{2}$

4) $\frac{4}{7} + \frac{c}{7} = 1\frac{2}{7}$ $c = \boxed{5}$

5) $3\frac{11}{17} + 4\frac{10}{17} = 8\frac{n}{17}$ $n = \boxed{4}$

6) $\frac{r}{13} + \frac{16}{13} = \frac{31}{13}$ $r = \boxed{15}$

7) $\frac{3}{5} + 8\frac{b}{5} = 9$ $b = \boxed{2}$

8) $\frac{17}{20} + \frac{21}{20} = \frac{19}{x}$ $x = \boxed{10}$

9) $2\frac{m}{6} + 3\frac{3}{6} = \frac{35}{6}$ $m = \boxed{2}$

10) $\frac{6}{9} + \frac{2}{9} = \frac{d}{9}$ $d = \boxed{8}$