Name : _____

Solve

Find the value of the variable in each problem.

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

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

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

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

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

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

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

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

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

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