

Solve

Find the value of the variable in each problem.

1) $\frac{5}{2} + \frac{3}{m} = \frac{13}{4}$ $m = \square$

2) $\frac{13}{20} + \frac{9}{10} = \frac{c}{20}$ $c = \square$

3) $9\frac{n}{7} + \frac{8}{14} = \frac{69}{7}$ $n = \square$

4) $1\frac{1}{3} + 2\frac{4}{9} = 3\frac{7}{r}$ $r = \square$

5) $\frac{17}{16} + \frac{5}{y} = \frac{27}{16}$ $y = \square$

6) $\frac{13}{d} + \frac{19}{18} = \frac{77}{36}$ $d = \square$

7) $3\frac{2}{5} + 4\frac{p}{15} = 8\frac{2}{15}$ $p = \square$

8) $\frac{3}{2} + \frac{7}{6} = \frac{b}{6}$ $b = \square$

9) $\frac{z}{12} + 2\frac{2}{3} = \frac{37}{12}$ $z = \square$

10) $\frac{5}{4} + \frac{9}{8} = 2\frac{3}{x}$ $x = \square$

Solve

Find the value of the variable in each problem.

$$1) \quad \frac{5}{2} + \frac{3}{m} = \frac{13}{4} \quad m = \boxed{4}$$

$$2) \quad \frac{13}{20} + \frac{9}{10} = \frac{c}{20} \quad c = \boxed{31}$$

$$3) \quad 9\frac{n}{7} + \frac{8}{14} = \frac{69}{7} \quad n = \boxed{2}$$

$$4) \quad 1\frac{1}{3} + 2\frac{4}{9} = 3\frac{7}{r} \quad r = \boxed{9}$$

$$5) \quad \frac{17}{16} + \frac{5}{y} = \frac{27}{16} \quad y = \boxed{8}$$

$$6) \quad \frac{13}{d} + \frac{19}{18} = \frac{77}{36} \quad d = \boxed{12}$$

$$7) \quad 3\frac{2}{5} + 4\frac{p}{15} = 8\frac{2}{15} \quad p = \boxed{11}$$

$$8) \quad \frac{3}{2} + \frac{7}{6} = \frac{b}{6} \quad b = \boxed{16}$$

$$9) \quad \frac{z}{12} + 2\frac{2}{3} = \frac{37}{12} \quad z = \boxed{5}$$

$$10) \quad \frac{5}{4} + \frac{9}{8} = 2\frac{3}{x} \quad x = \boxed{8}$$