

Solve

Unlike fractions: S3

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) $9\frac{n}{7} + \frac{8}{6} = \frac{69}{4}$ $n = \square$

4) $1\frac{1}{3} + \frac{2}{5} = \frac{17}{15}$ $x = \square$

5) $\frac{17}{16} + \frac{3}{8} = \frac{z}{16}$ $z = \square$

6) $\frac{13}{d} + \frac{2}{3} = \frac{28}{3}$ $d = \square$

7) $3\frac{2}{5} + \frac{1}{5} = \frac{16}{5}$ $x = \square$

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

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

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

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Solve

Unlike fractions: S3

Find the value of the variable in each problem.

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

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

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

$$4) \quad 1\frac{1}{3} + \frac{2}{3} = \frac{4}{3} \quad n = \boxed{?}$$

$$5) \quad \frac{17}{16} + \frac{1}{16} = \frac{18}{16} \quad n = \boxed{?}$$

$$6) \quad \frac{13}{d} + \frac{1}{d} = \frac{14}{d} \quad d = \boxed{2}$$

$$7) \quad 3\frac{2}{5} + \frac{1}{5} = 3\frac{3}{5} \quad n = \boxed{1}$$

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

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

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

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