

Solve

Find the value of the variable in each problem.

1) $\frac{39}{12} - 1\frac{z}{12} = \frac{17}{12}$

$z = \square$

2) $\frac{16}{17} - \frac{11}{17} = \frac{q}{17}$

$q = \square$

3) $7\frac{7}{8} - 2\frac{3}{8} = 5\frac{1}{c}$

$c = \square$

4) $\frac{b}{13} - \frac{15}{13} = \frac{4}{13}$

$b = \square$

5) $\frac{8}{3} - \frac{n}{3} = \frac{7}{3}$

$n = \square$

6) $3\frac{9}{10} - 1\frac{3}{10} = \frac{y}{5}$

$y = \square$

7) $1\frac{4}{a} - \frac{2}{5} = \frac{7}{5}$

$a = \square$

8) $\frac{23}{11} - \frac{m}{11} = 1\frac{2}{11}$

$m = \square$

9) $\frac{5}{9} - \frac{2}{9} = \frac{1}{d}$

$d = \square$

10) $\frac{p}{16} - \frac{12}{16} = \frac{7}{16}$

$p = \square$

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Answer key**Solve**

Find the value of the variable in each problem.

$$1) \quad \frac{39}{12} - 1\frac{z}{12} = \frac{17}{12} \quad z = \boxed{10}$$

$$2) \quad \frac{16}{17} - \frac{11}{17} = \frac{q}{17} \quad q = \boxed{5}$$

$$3) \quad 7\frac{7}{8} - 2\frac{3}{8} = 5\frac{1}{c} \quad c = \boxed{2}$$

$$4) \quad \frac{b}{13} - \frac{15}{13} = \frac{4}{13} \quad b = \boxed{19}$$

$$5) \quad \frac{8}{3} - \frac{n}{3} = \frac{7}{3} \quad n = \boxed{1}$$

$$6) \quad 3\frac{9}{10} - 1\frac{3}{10} = \frac{y}{5} \quad y = \boxed{13}$$

$$7) \quad 1\frac{4}{a} - \frac{2}{5} = \frac{7}{5} \quad a = \boxed{5}$$

$$8) \quad \frac{23}{11} - \frac{m}{11} = 1\frac{2}{11} \quad m = \boxed{10}$$

$$9) \quad \frac{5}{9} - \frac{2}{9} = \frac{1}{d} \quad d = \boxed{3}$$

$$10) \quad \frac{p}{16} - \frac{12}{16} = \frac{7}{16} \quad p = \boxed{19}$$