

Solve

Unlike fractions: S1

Find the value of the variable in each problem.

1) $\frac{m}{3} - \frac{8}{9} = \frac{7}{9}$ $m = \square$

2) $4\frac{10}{12} - \frac{1}{6} = \frac{14}{p}$ $p = \square$

3) $\frac{7}{4} - \frac{1}{a} = \frac{1}{4}$ $a = \square$

4) $2\frac{7}{8} - \frac{1}{8} = \frac{1}{8}$ $a = \square$

5) $\frac{29}{20} - \frac{1}{20} = \frac{1}{20}$ $a = \square$

6) $\frac{z}{15} - \frac{1}{15} = \frac{1}{15}$ $a = \square$

7) $6\frac{5}{n} - \frac{1}{n} = \frac{1}{n}$ $a = \square$

8) $\frac{11}{9} - \frac{1}{9} = \frac{1}{9}$ $a = \square$

9) $\frac{17}{8} - 1\frac{1}{2} = \frac{y}{8}$ $y = \square$

10) $\frac{11}{q} - \frac{3}{4} = \frac{1}{6}$ $q = \square$

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Answer key**Solve**

Unlike fractions: S1

Find the value of the variable in each problem.

$$1) \quad \frac{m}{3} - \frac{8}{9} = \frac{7}{9} \quad m = \boxed{5}$$

$$2) \quad 4\frac{10}{12} - \frac{1}{6} = \frac{14}{p} \quad p = \boxed{3}$$

$$3) \quad \frac{7}{4} - \frac{1}{a} = \frac{5}{4} \quad a = \boxed{5}$$

$$4) \quad 2\frac{7}{8} - \frac{1}{8} = \frac{17}{8} \quad r = \boxed{0}$$

$$5) \quad \frac{29}{20} - \frac{1}{20} = \frac{28}{20} \quad s = \boxed{0}$$

$$6) \quad \frac{z}{15} - \frac{1}{15} = \frac{4}{15} \quad z = \boxed{4}$$

$$7) \quad 6\frac{5}{n} - \frac{1}{n} = 6 \quad n = \boxed{5}$$

$$8) \quad \frac{11}{9} - \frac{1}{9} = \frac{10}{9} \quad r = \boxed{8}$$

$$9) \quad \frac{17}{8} - 1\frac{1}{2} = \frac{y}{8} \quad y = \boxed{5}$$

$$10) \quad \frac{11}{q} - \frac{3}{4} = \frac{1}{6} \quad q = \boxed{12}$$

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