

Solve

Unlike fractions: S3

Find the value of the variable in each problem.

1) $6\frac{17}{18} - 3\frac{5}{6} = \frac{a}{9}$ a =

2) $\frac{8}{2} - 2\frac{7}{12} = 1\frac{x}{12}$ x =

3) $\frac{p}{16} - \frac{3}{3} = \frac{3}{3}$

4) $\frac{8}{3} - \frac{8}{3} = \frac{8}{3}$

5) $\frac{13}{10} - \frac{13}{10} = \frac{13}{10}$

6) $1\frac{4}{5} - 1\frac{4}{5} = \frac{4}{5}$

7) $\frac{5}{c} - \frac{5}{c} = \frac{5}{c}$

8) $\frac{z}{12} - \frac{z}{6} = \frac{z}{4}$

9) $7\frac{1}{2} - 5\frac{1}{8} = 2\frac{r}{8}$ r =

10) $\frac{9}{4} - \frac{21}{d} = 1\frac{1}{5}$ d =

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Answer key**Solve**

Unlike fractions: S3

Find the value of the variable in each problem.

$$1) \quad 6\frac{17}{18} - 3\frac{5}{6} = \frac{a}{9} \quad a = \boxed{28}$$

$$2) \quad \frac{8}{2} - 2\frac{7}{12} = 1\frac{x}{12} \quad x = \boxed{5}$$

$$3) \quad \frac{p}{16} - \frac{3}{16} = \frac{3}{16} \quad p = \boxed{15}$$

$$4) \quad \frac{8}{3} - \frac{2}{3} = \frac{2}{3} \quad \text{Answer: } \boxed{5}$$

$$5) \quad \frac{13}{10} - \frac{3}{10} = \frac{5}{10} \quad \text{Answer: } \boxed{5}$$

$$6) \quad 1\frac{4}{5} - \frac{1}{5} = \frac{4}{5} \quad \text{Answer: } \boxed{1}$$

$$7) \quad \frac{5}{c} - \frac{2}{c} = \frac{3}{c} \quad \text{Answer: } \boxed{3}$$

$$8) \quad \frac{z}{12} - \frac{z}{6} = \frac{z}{4} \quad \text{Answer: } \boxed{7}$$

$$9) \quad 7\frac{1}{2} - 5\frac{1}{8} = 2\frac{r}{8} \quad r = \boxed{3}$$

$$10) \quad \frac{9}{4} - \frac{21}{d} = 1\frac{1}{5} \quad d = \boxed{20}$$

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