

Solve

Unlike fractions: S2

Find the value of the variable in each problem.

1) $\frac{13}{b} - \frac{2}{7} = \frac{9}{14}$ $b = \square$

2) $\frac{33}{15} - 1\frac{1}{20} = 1\frac{x}{20}$ $x = \square$

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

4) $\frac{y}{6} - \frac{1}{6} = \frac{1}{6}$ \square

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

6) $4\frac{13}{14} - \frac{13}{14} = \frac{13}{14}$ \square

7) $\frac{8}{3} - \frac{2}{3} = \frac{2}{3}$ \square

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

9) $\frac{19}{z} - \frac{5}{8} = \frac{9}{16}$ $z = \square$

10) $\frac{9}{2} - \frac{7}{6} = \frac{10}{a}$ $a = \square$

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Answer key**Solve**

Unlike fractions: S2

Find the value of the variable in each problem.

$$1) \quad \frac{13}{b} - \frac{2}{7} = \frac{9}{14} \quad b = \boxed{14}$$

$$2) \quad \frac{33}{15} - 1\frac{1}{20} = 1\frac{x}{20} \quad x = \boxed{3}$$

$$3) \quad 6\frac{3}{4} - \frac{3}{11} = \frac{11}{11} \quad \boxed{3}$$

$$4) \quad \frac{y}{6} - \frac{1}{6} = \frac{1}{6} \quad \boxed{2}$$

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

$$6) \quad 4\frac{13}{14} - \frac{13}{14} = \frac{13}{14} \quad \boxed{3}$$

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

$$8) \quad 3\frac{d}{4} - \frac{3}{4} = \frac{3}{4} \quad \boxed{3}$$

$$9) \quad \frac{19}{z} - \frac{5}{8} = \frac{9}{16} \quad z = \boxed{16}$$

$$10) \quad \frac{9}{2} - \frac{7}{6} = \frac{10}{a} \quad a = \boxed{3}$$

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