

Name : _____

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

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

5) $\frac{8}{9} - \frac{3}{11} = \frac{11}{\square}$

6) $4\frac{13}{14} - \frac{3}{11} = \frac{11}{\square}$

7) $\frac{8}{3} - \frac{3}{11} = \frac{11}{\square}$

8) $3\frac{d}{4} - \frac{3}{11} = \frac{11}{\square}$

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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Name : _____

Answer Key

Unlike fractions: S2

Solve

Find the value of the variable in each problem.

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

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

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

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

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

6) $4\frac{13}{14} - \frac{1}{14} = \frac{13}{7}$ $x =$ 3

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

8) $3\frac{d}{4} - \frac{3}{2} = \frac{3}{4}$ $d =$ 3

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

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

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