

## One-Step Equations With Fractions

**Solve each equation.**

1)  $5\frac{1}{2} + p = 6$

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

3)  $-\frac{3}{4}b = 2$

4)  $x - 3 = -5\frac{1}{2}$

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

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

7)  $2\frac{1}{10}n = 1\frac{1}{6}$

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

9)  $5\frac{2}{7} + k = 2\frac{27}{70}$

10)  $2\frac{5}{12} = -3\frac{1}{4} + k$

$$11) m - \frac{4}{9} = -2\frac{67}{90}$$

$$12) \frac{11}{6} = \frac{1}{3} + p$$

$$13) 1\frac{13}{64} = \frac{11}{8}v$$

$$14) \frac{39}{5} = 2m$$

$$15) n - \frac{3}{4} = -2\frac{3}{4}$$

$$16) \frac{9}{10}n = -1\frac{1}{10}$$

$$17) -1\frac{1}{2} + v = -3\frac{3}{10}$$

$$18) n - \frac{4}{7} = 3$$

$$19) \frac{9k}{65} = 1\frac{316}{845}$$

$$20) -\frac{9}{19} = n - 11$$

$$21) \frac{1}{3} = n + \frac{4}{3}$$

$$22) -\frac{26}{33} = \frac{13}{11}x$$

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Solve each equation.

1)  $5\frac{1}{2} + p = 6$

$\left\{\frac{1}{2}\right\}$

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

$\left\{\frac{1}{4}\right\}$

3)  $-\frac{3}{4}b = 2$

$\left\{-2\frac{2}{3}\right\}$

4)  $x - 3 = -5\frac{1}{2}$

$\left\{-2\frac{1}{2}\right\}$

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

$\left\{1\frac{3}{4}\right\}$

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

$\left\{-4\frac{3}{4}\right\}$

7)  $2\frac{1}{10}n = 1\frac{1}{6}$

$\left\{\frac{5}{9}\right\}$

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

$\left\{5\frac{3}{5}\right\}$

9)  $5\frac{2}{7} + k = 2\frac{27}{70}$

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10)  $2\frac{5}{12} = -3\frac{1}{4} + k$

$\left\{5\frac{2}{3}\right\}$

11)  $m - \frac{4}{9} = -2\frac{67}{90}$

$\left\{-2\frac{3}{10}\right\}$

12)  $\frac{11}{6} = \frac{1}{3} + p$

$\left\{1\frac{1}{2}\right\}$

13)  $1\frac{13}{64} = \frac{11}{8}v$

$\left\{\frac{7}{8}\right\}$

14)  $\frac{39}{5} = 2m$

$\left\{3\frac{9}{10}\right\}$

15)  $n - \frac{3}{4} = -2\frac{3}{4}$

$\{-2\}$

16)  $\frac{9}{10}n = -1\frac{1}{10}$

$\left\{-1\frac{2}{9}\right\}$

17)  $-1\frac{1}{2} + v = -3\frac{3}{10}$

$\left\{-1\frac{4}{5}\right\}$

18)  $n - \frac{4}{7} = 3$

$\left\{3\frac{4}{7}\right\}$

19)  $\frac{9k}{65} = 1\frac{316}{845}$

$\left\{9\frac{12}{13}\right\}$

20)  $-\frac{9}{19} = n - 11$

$\left\{10\frac{10}{19}\right\}$

21)  $\frac{1}{3} = n + \frac{4}{3}$

$\{-1\}$

22)  $-\frac{26}{33} = \frac{13}{11}x$

$\left\{-\frac{2}{3}\right\}$