

U1L1 Solving Equations - Fractions

Solve each equation.

1) $\frac{1}{2}n + \frac{2}{3} = \frac{7}{15}$

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

3) $2\frac{2}{3}a + 2 = -1\frac{1}{9}$

4) $-1\frac{1}{2} + 1\frac{1}{2}n = -3$

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

6) $2\frac{2}{3} + \frac{1}{2}r = 3\frac{2}{3}$

$$7) \frac{3}{2}r + 2 = 3\frac{1}{2}$$

$$8) -1 + \frac{4}{3}b = 3\frac{4}{9}$$

$$9) 2 + \frac{2}{3}x = 4\frac{1}{6}$$

$$10) -2n + 1\frac{1}{2} = -10\frac{9}{10}$$

$$11) 2p - p = -1\frac{1}{2}$$

$$12) 3n - 2n = -\frac{7}{2}$$

$$13) x - 1\frac{1}{2}x = \frac{5}{6}$$

$$14) 2\frac{1}{3}x + 2\frac{1}{2} + 2 = 8$$

$$15) n - 1\frac{2}{3}n = \frac{5}{3}$$

$$16) 1\frac{2}{3}x - \frac{1}{3}x = -2\frac{2}{3}$$

$$17) r - 1\frac{2}{3} - 3\frac{2}{3}r = -3$$

$$18) \frac{7}{3}n + 1 - 2\frac{1}{2} = 4\frac{13}{18}$$

$$19) \frac{5}{3}b + 1\frac{2}{3}b = -\frac{40}{9}$$

$$20) -1\frac{2}{3}n + 1\frac{1}{2}n = -\frac{1}{3}$$

$$21) \frac{1}{2}k + \frac{5}{2} - \frac{4}{3} = 2\frac{11}{12}$$

$$22) \frac{2}{3}x + \frac{3}{2} - 3\frac{2}{3} = -1\frac{13}{18}$$

$$23) -1\frac{1}{2}m - \frac{2}{3}m = \frac{143}{18}$$

$$24) -2\frac{1}{2}a + \frac{2}{3}a = 1\frac{5}{6}$$

$$25) k + 2\frac{2}{3}k = 9\frac{1}{6}$$

$$26) \frac{7}{3}a - 2\frac{2}{3} + \frac{2}{3} = \frac{3}{2}$$

$$27) x - \frac{2}{3} - 2\frac{2}{3} = -3$$

$$28) 1\frac{2}{3}n + \frac{3}{2} + \frac{5}{2}n = -\frac{19}{4}$$

$$29) -\frac{1}{3}m + 1 - 2\frac{1}{3}m = -3$$

$$30) \frac{2}{3}n + 2n = -9\frac{1}{3}$$

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