

## Assignment

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**Solve each equation.**

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

$$2) 1\frac{1}{2}x + 2 = 0$$

$$3) \frac{1}{2} + \frac{1}{4}x = \frac{7}{36}$$

$$4) \frac{3}{2} + \frac{4}{3}x = 2\frac{29}{54}$$

$$5) 2\frac{1}{4}x + 2\frac{1}{3} = 14\frac{31}{120}$$

$$6) -\frac{2}{3} + 3m = -2\frac{2}{3}$$

$$7) \frac{7}{4}x + 4\frac{1}{3} = 9\frac{49}{120}$$

$$8) 1\frac{2}{5}n - 1\frac{3}{4} = -\frac{3}{20}$$

$$9) \frac{2}{3}b + 3 = 2\frac{5}{6}$$

$$10) \frac{5}{4} + \frac{1}{2}n = \frac{25}{28}$$

$$11) -1\frac{1}{3}k + 2\frac{1}{3} = 6\frac{1}{15}$$

$$12) -v - 1\frac{3}{4} = -\frac{3}{4}$$

$$13) -\frac{5}{4}a + 3 = -4\frac{7}{24}$$

$$14) -3\frac{3}{4}n + \frac{1}{2} = -2\frac{1}{2}$$

$$15) \frac{1}{3}r + 1 = 1\frac{7}{10}$$

$$16) \frac{4}{3}p - \frac{3}{2} = -\frac{1}{6}$$

$$17) \frac{3}{4}x + 4 = 11\frac{2}{7}$$

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

$$19) \frac{2}{5}m + 2 = 1\frac{14}{15}$$

$$20) 1\frac{2}{3}k - 2\frac{1}{2} = -2\frac{1}{12}$$

## Answers to Assignment (ID: 1)

1)  $\left\{-3\frac{5}{6}\right\}$

2)  $\left\{-1\frac{1}{3}\right\}$

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

4)  $\left\{\frac{7}{9}\right\}$

5)  $\left\{5\frac{3}{10}\right\}$

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

7)  $\left\{2\frac{9}{10}\right\}$

8)  $\left\{1\frac{1}{7}\right\}$

9)  $\left\{-\frac{1}{4}\right\}$

10)  $\left\{-\frac{5}{7}\right\}$

11)  $\left\{-2\frac{4}{5}\right\}$

12)  $\{-1\}$

13)  $\left\{5\frac{5}{6}\right\}$

14)  $\left\{\frac{4}{5}\right\}$

15)  $\left\{2\frac{1}{10}\right\}$

16)  $\{1\}$

17)  $\left\{9\frac{5}{7}\right\}$

18)  $\{0\}$

19)  $\left\{-\frac{1}{6}\right\}$

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