

One-Step Equations | Addition and Subtraction

Solve each equation.

1) $d + \frac{1}{4} = 4$

$d =$ _____

2) $\frac{7}{2} = -\frac{1}{5} + w$

$w =$ _____

3) $3 = t - \frac{8}{7}$

$t =$ _____

4) $a + \frac{1}{6} = \frac{4}{3}$

$a =$ _____

5) $\frac{2}{9} + k = \frac{8}{9}$

$k =$ _____

6) $-1 = z - \frac{3}{5}$

$z =$ _____

7) $-\frac{6}{7} = u + 5$

$u =$ _____

8) $n - \frac{5}{8} = \frac{1}{8}$

$n =$ _____

One-Step Equations | Addition and Subtraction Answer key

Solve each equation.

$$1) \quad d + \frac{1}{4} = 4$$

$$d = \underline{\frac{15}{4} \text{ or } 3\frac{3}{4}}$$

$$2) \quad \frac{7}{2} = -\frac{1}{5} + w$$

$$w = \underline{\frac{37}{10} \text{ or } 3\frac{7}{10}}$$

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

$$t = \underline{\frac{29}{7} \text{ or } 4\frac{1}{7}}$$

$$4) \quad a + \frac{1}{6} = \frac{4}{3}$$

$$a = \underline{\frac{7}{6} \text{ or } 1\frac{1}{6}}$$

$$5) \quad \frac{2}{9} + k = \frac{8}{9}$$

$$k = \underline{\frac{2}{3}}$$

$$6) \quad -1 = z - \frac{3}{5}$$

$$z = \underline{-\frac{2}{5}}$$

$$7) \quad -\frac{6}{7} = u + 5$$

$$u = \underline{-\frac{41}{7} \text{ or } -5\frac{6}{7}}$$

$$8) \quad n - \frac{5}{8} = \frac{1}{8}$$

$$n = \underline{\frac{3}{4}}$$