

Two-Step Equations Homework

Name
Date
Course

Solve. SHOW ALL WORK!

① $6x - 5 = 2$

$x = \frac{7}{6}$

② $6 = 8 + \frac{y}{2}$

$y = -4$

③ $-7z - 5 = -2$

$z = -\frac{3}{7}$

④ $-3 = \frac{x}{-9} + 5$

$x = 72$

⑤ $-2 - 4y = -7$

$y = \frac{5}{4}$

⑥ $1 = 8z + 3$

$z = -\frac{1}{4}$

⑦ $\frac{x}{7} + 2 = -8$

$x = -70$

⑧ $-6y + 3 = 8$

$y = -\frac{5}{6}$

⑨ $-3 = 5 - \frac{z}{4}$

$z = 32$

⑩ $-\frac{x}{2} + 9 = 7$

$x = 4$

⑪ $1 - \frac{y}{3} = 6$

$y = -15$

⑫ $-z + 4 = 3$

$z = 1$

⑬ $-9 = 5 - x$

$x = 14$

⑭ $7y + 10 = 24$

$y = 2$

⑮ $-7x + 6 = 6$

$x = 0$

⑯ $-5 = \frac{z}{9} - 5$

$z = 0$

⑰ $\frac{z}{-8} + 9 = 11$

$z = -16$

⑱ $-4 = 3 - 4x$

$x = \frac{7}{4}$