

Solving Two-Step Linear Equations - Notes

Solve each equation. Show your work. For your final answer, your variable should be on the left side.

$$1) 7k + 8 = -27$$

$$7k = -35$$
$$\frac{7k}{7} = \frac{-35}{7}$$

$$k = -5$$

$$2) 11 = -5 + 8v$$

$$16 = 8v$$
$$\frac{16}{8} = \frac{8v}{8}$$

$$2 = v$$

$$v = 2$$

$$3) 156 = 3 - 9n$$

$$153 = -9n$$
$$\frac{153}{-9} = \frac{-9n}{-9}$$

$$-17 = n$$

$$n = -17$$

$$4) -8 + 3x = 1$$

$$3x = 9$$
$$\frac{3x}{3} = \frac{9}{3}$$

$$x = 3$$