

Algebra I Worksheet #1 Unit 4 selected solutions

Complete the table for each input-output chart shown to solve for x.

	4.	8.	12.	16.
Input ↓	$x + a = b$	$x - c = k$	$bx = c$	$\frac{x}{n} = d$
Operation ↓	subtract a from both sides	add c to both sides	divide both sides by b	multiply both sides by n
Output	$x = b - a$	$x = k + c$	$x = \frac{c}{b}$	$x = nd$

Solve for x.

27. $x + a = b$

$$x = b - a$$

32. $4x = p$

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

29. $x - 3 = h$

$$x = h + 3$$

35. $\frac{x}{4} = k$

$$x = 4k$$