

Addition and Subtraction Equation Review

Use algebra tiles to solve the following equations, then use the space provided to draw the model of the algebra tiles for each equation.

$y - 3 = 6$ number added to each side _____ solution $y =$ _____	$2 = x - 1$ number added to each side _____ solution $x =$ _____
$5 = y - 4$ number added to each side _____ solution $y =$ _____	$1 + x = 7$ number subtracted from each side _____ solution $x =$ _____
$3 + d = 5$ number subtracted from each side _____ solution $d =$ _____	$2 + t = 8$ number subtracted from each side _____ solution $t =$ _____

Name _____

Multiplication Equation Review

Use algebra tiles to solve the following equations, then use the space provided to draw the model of the algebra tiles for each equation.

$3x = 6$ divide each side into _____ groups. solution $x =$ _____	$10 = 2y$ divide each side into _____ groups. solution $y =$ _____
$4t = 8$ divide each side into _____ groups. solution $t =$ _____	$6 = 2n$ divide each side into _____ groups. solution $n =$ _____
$3 = 3s$ divide each side into _____ groups. solution $s =$ _____	$5x = 10$ divide each side into _____ groups. solution $x =$ _____

Name _____

Two-Step Equations

Use algebra tiles to solve the following equations, then use the space provided to draw the model of the algebra tiles for each equation.

$$4x + 3 = 11$$

Step 1:
Subtract _____ from each side.

Step 2:
Divide each side into _____ groups.

Solution: $x =$ _____

$$6y - 1 = 5$$

Step 1:
Add _____ to each side.

Step 2:
Divide each side into _____ groups.

Solution: $y =$ _____

$$2 + 5n = 12$$

Step 1:
Subtract _____ from each side.

Step 2:
Divide each side into _____ groups.

Solution: n = _____

$$3t - 1 = 8$$

Step 1:
Add _____ to each side.

Step 2:
Divide each side into _____ groups.

Solution: $t =$ _____

$7 = 2k + 1$ Step 1: Subtract _____ from each side. Step 2: Divide each side into _____ groups. Solution: $k =$ _____	$4r - 3 = 5$ Step 1: Add _____ to each side. Step 2: Divide each side into _____ groups. Solution: $r =$ _____
$11 = 4p - 5$ Step 1: Add _____ to each side. Step 2: Divide each side into _____ groups. Solution: $p =$ _____	$5x - 6 = 9$ Step 1: Add _____ to each side. Step 2: Divide each side into _____ groups. Solution: $x =$ _____