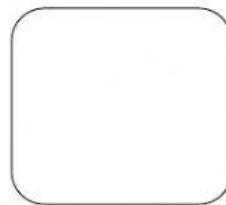




Graded Classwork

**Algebra**



Name: \_\_\_\_\_ Date: \_\_\_\_\_

Points: \_\_\_\_\_ /26

**I. Make a line to connect each equation with its solution.**

$$x = 2$$

$$1) x - 13 = 5$$

$$x = 9$$

$$2) 20x - 18x = 7 + 5$$

$$x = 0$$

$$3) 3x + 2 = 2x + 10$$

$$x = 6$$

$$4) 9x + 1 = 6x + 28$$

$$x = 8$$

$$x = 18$$

**II. Simplify these algebraic expressions.**

$$1) 12 + 8d - 2d + 8 =$$

$$2) 6g - 3g + 20 - 1 =$$

$$3) 7a - 4 + 13a =$$

$$4) 9x - x + 11 - 5x =$$

$$5) 35 + 3c - 5 + 5c =$$

$$6) 7x - x + 24 - 18 =$$

**III. Give an algebraic expression for each of the following:**

1) Subtract p from 23	7) 11 times c
2) 15 divided by k	8) Add 8 to z
3) 9 more than h	9) Thrice as many as p
4) 8 groups of m	10) 3 less than a
5) Twice as many as g	11) Multiply 9 by d
6) Half of d	12) 5 groups of r

**IV. Find the value of the following expressions:**

1) $\frac{5p + 3}{6}$ , when $p = 3$	2) $25 - 4x$ , when $x = 5$
3) $\frac{7m}{2} - 7$ , when $m = 4$	4) $(12 - y) + 5$ , when $y = 9$