Answers _____ Correct / 12 Total

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

P ost-Test

The following questions are multiple-choice. Read carefully and write your answer (**A**, **B**, **C**, or **D**) on the answer sheet.

1. Evaluate the following expression and select the correct value from the choices below:

$$3(4 - 2) + 12 \div 3$$

A 14

B 10

C 6

D 8

2. Select the expression below that is equivalent to the given expression:

$$4 + 5(4 - 5)$$

A 4(5)(4) − 5

B 4(5)(4 − 5)

C 4 + 5(4) − 5(5)

D (4 + 5)(4 − 5)

3. Evaluate the following expression for $x = -2$ and select the correct response:

$$3x - 6 + x + 10$$

A 12

B 8

C -22

D -4

(P)ost-Test

4. Which of the following expressions is equivalent to the given expression?

$$p + p + p + 4 + p + 6 + p$$

A $2p$

B $5p + 2$

C $5p + 10$

D 2

5. Use a graphing calculator to select the equivalent expression.

$$3x - 4 + 2x - 3$$

A $5x - 7$

B $6x + 12$

C $6x - 7$

D $5x + 12$

6. Completely simplify the following expression and select the correct response below:

$$3(4b + 5) - 2(7 + 9b)$$

A $21b - 9$

B $27b - 32$

C $-6b + 1$

D $30b - 29$

Post-Test

7. Solve for the value of x in the following equation: $\frac{x}{3} = -4$

   A $x = -1$

   B $x = \frac{(-4)}{3}$

   C $x = 12$

   D $x = -12$

8. Solve for the value of q in the following equation: $7 = 3q - 5$

   A $q = 4$

   B $q = 7$

   C $q = 2/3$

   D $q = -4$

9. Solve for the value of a in the following equation: $7a - 14 = 5a$

   A $a = -5$

   B $a = 7$

   C $a = -7$

   D $a = -12$

10. Solve for the value of m in the following equation: $5m - 7 = 2m + 14$

   A $m = 8$

   B $m = 7$

   C $m = 14$

   D $m = 3$

(P) ost-Test

11. Use a graphing calculator to solve for the value of *r* in the following equation:

$$-3r - 6 = 3r + 12$$

A *r* = 0

B *r* = 3

C *r* = -3

D *r* = -6

12. Select any method to solve for the value of *w* in the following equation:

$$-4w + 9 = -2w - 5$$

A *w* = -19

B *w* = 7

C *w* = 9

D *w* = -5

Answer Key

Item	Correct Answer	Standard	Lesson
1.	**B**	7.2(E)	1
2.	**C**	7.2(E)	2
3.	**D**	A.3(A)	3
4.	**C**	A.3(A)	4
5.	**A**	A.1(D)	5
6.	**C**	A.4(A)	6
7.	**D**	8.2(A)	7
8.	**A**	8.2(A)	8
9.	**B**	8.2(A)	9
10.	**B**	8.2(A)	10
11.	**C**	8.4(B)	11
12.	**B**	8.4(B)	12