

Answers _____ Correct / 12 Total

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

Pre-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:

$$6(5 - 3) + 6 \div 3$$

- A** 1
- B** 6
- C** 14
- D** 16

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

$$3 + 6(3 - 6)$$

- A** $3(6)(3) - 6$
- B** $3+(6)(3) - 6$
- C** $3 + 6(3) - 6(6)$
- D** $(3 + 6)(3 - 6)$

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

$$2x - 4 + x + 16$$

- A** 14
- B** 9
- C** 3
- D** 10

P re-Test

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

$$p + 5 + p + 4 + p + p + p$$

- A $3p$
- B $5p + 9$
- C $5p + 20$
- D 9

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

$$4x - 5 + 3x - 9$$

- A $x + 4$
- B $7x + 4$
- C $7x - 14$
- D $x - 14$

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

$$2(6b + 5) - 1(5 + 4b)$$

- A $11b + 9$
- B $18b - 9$
- C $16b - 2$
- D $8b + 5$

Pre-Test

7. Solve for the value of x in the following equation: $\frac{x}{4} = -5$
- A $x = -1$
 - B $x = \frac{(-5)}{4}$
 - C $x = 20$
 - D $x = -20$
8. Solve for the value of q in the following equation: $6 = 4q - 14$
- A $q = 2$
 - B $q = 5$
 - C $q = -2$
 - D $q = -5$
9. Solve for the value of a in the following equation: $4a - 10 = 2a$
- A $a = 40$
 - B $a = 5$
 - C $a = -10$
 - D $a = 10$
10. Solve for the value of m in the following equation: $4m - 9 = -4m - 1$
- A $m = 1$
 - B $m = -5$
 - C $m = 0$
 - D $m = 10$

P re-Test

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

$$-5r - 19 = 5r - 9$$

- A** $r = -6$
- B** $r = -1$
- C** $r = -14$
- D** $r = 0$

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

$$6w + 5 = -3w + 23$$

- A** $w = 3$
- B** $w = 17$
- C** $w = 2$
- D** $w = 5$

Answer Key

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