



Name _____ Date _____

8th Grade Readiness: Summer Post-Assessment

Questions 1-3: Add and subtract the integers.

1.

$$(-8) + 3$$

Answer: _____

2.

$$-2 - 6$$

Answer: _____

3.

$$2 - (-8)$$

Answer: _____



Please stop, put your pencil down and wait for the next directions.



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(continued)

Questions 4-6: Multiply and divide the integers.

4.

$$9 \times -4$$

Answer: _____

5.

$$-6(-5)$$

Answer: _____

6.

$$48 \div -6$$

Answer: _____



Please stop, put your pencil down and wait for the next directions.



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(continued)

Questions 7-9: Find the equivalent expression.

7.

$$(x + 4) + (2x + 3)$$

- $3x + 7$ $3x + 12$ $2x + 12$ $2x + 7$

8.

$$(9x + 6) - (2x + 1)$$

- $11x + 5$ $7x + 7$ $11x + 7$ $7x + 5$

9.

$$(5x + 4) - (2x - 3)$$

- $7x - 7$ $10x - 12$ $3x + 1$ $3x + 7$



Please stop, put your pencil down and wait for the next directions.



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(continued)

Questions 10-12: Find the equivalent expression.

10.

$$7(x + 3)$$

- $7x + 3$ $7x + 21$ $21x$ $x + 21$

11.

$$4(6x + 2)$$

- $6x + 8$ $24x + 2$ $32x$ $24x + 8$

12.

$$5(2x + 4) + x$$

- $10x + 20$ $11x + 20$ $31x$ $11x + 4$



Please stop, put your pencil down and wait for the next directions.



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(continued)

Questions 13-15: Find the equivalent expression.

13.

$$4x + 20$$

- $4(x + 20)$ $4(x + 5)$ $24x$ $4x + 5$

14.

$$24x - 3$$

- $-3(8x + 1)$ $3(8x - 1)$ $21x$ $3(21x - 1)$

15.

$$15x + 35$$

- $15(x + 20)$ $5(3x + 7)$ $50x$ $5(10x + 30)$



Please stop, put your pencil down and wait for the next directions.



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(continued)

Questions 16-18: Solve the equation.

16.

$$12 = 3x - 6$$

$x =$ _____

17.

$$4(x + 3) = 20$$

$x =$ _____

18.

$$\frac{1}{2}x + 3 = 9$$

$x =$ _____



Please stop, put your pencil down and wait for the next directions.