



Name _____ Date _____

8th Grade Readiness: Progress Assessment

Questions 1-3: Add and subtract the integers.

1.

$$(-6) + 4$$

2 -10 10

2.

$$-8 - 3$$

8 -5 5

3.

$$6 - (-8)$$

-14 2 -2



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.

$$-3 \times 8$$

24

-11

5

5.

$$-7(-3)$$

-21

-10

10

6.

$$-28 \div -4$$

-7

-32

-24



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.

$$(3x + 2) + (x + 6)$$

☒ $4x + 8$

☐ $3x + 8$

☐ $4x + 12$

☐ $3x + 12$

8.

$$(9x + 6) - (4x + 2)$$

☐ $5x + 8$

☐ $13x + 4$

☒ $5x + 4$

☐ $13x + 8$

9.

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

☒ $3x + 7$

☐ $3x + 1$

☐ $7x + 1$

☐ $7x + 7$



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.

$$5(x + 3)$$

$$5x + 15$$

$$5x + 3$$

$$15x$$

$$x + 15$$

11.

$$8(5x + 2)$$

$$40x + 2$$

$$40x + 16$$

$$56x$$

$$5x + 16$$

12.

$$3(4x + 6) + x$$

$$13x + 6$$

$$12x + 18$$

$$33x$$

$$13x + 18$$



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.

$$4x + 28$$

$$4(x + 7)$$

$$4(x + 28)$$

$$32x$$

$$4x + 7$$

14.

$$18x - 3$$

$$-3(6x + 1)$$

$$3(6x - 1)$$

$$15x$$

$$3(15x - 1)$$

15.

$$6x + 10$$

$$2(3x + 5)$$

$$2(3x + 10)$$

$$16x$$

$$6(x + 4)$$



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



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(continued)

Questions 16-18: Solve the equation.

16.

$$8 = 2x - 4$$

6

12 4 2

17.

$$3(x + 5) = 21$$

2

63 12 $\frac{16}{3}$

18.

$$\frac{1}{4}x + 5 = 7$$

8

48 3 $\frac{1}{2}$



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