



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

24

-11

5

5.

$$-7(-3)$$

21

-21

-10

10

6.

$$-28 \div -4$$

7

-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.

$$9(7x + 4)$$

$7x + 36$

$63x + 36$

$99x$

$63x + 4$

12.

$$5(3x + 7) + x$$

$16x + 35$

$15x + 35$

$23x$

$16x + 7$



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.

$$8 = 2x - 4$$

12 4 2

17.

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

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

18.

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

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



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