



Name _____ Date _____

8th Grade Readiness: Progress

Questions 1-3: Add and subtract the integers.

1.

$$(-6) + 4$$

Answer: _____

2.

$$-8 - 3$$

Answer: _____

3.

$$6 - (-8)$$

Answer: _____



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



8th Grade Readiness: Progress

(continued)

Questions 4-6: Multiply and divide the integers.

4.

$$-3 \times 8$$

Answer: _____

5.

$$-7(-3)$$

Answer: _____

6.

$$-28 \div -4$$

Answer: _____



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



8th Grade Readiness: Progress

(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.



8th Grade Readiness: Progress

(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.



8th Grade Readiness: Progress

(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.



8th Grade Readiness: Progress

(continued)

Questions 16-18: Solve the equation.

16.

$$8 = 2x - 4$$

Answer: _____

17.

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

Answer: _____

18.

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

Answer: _____



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