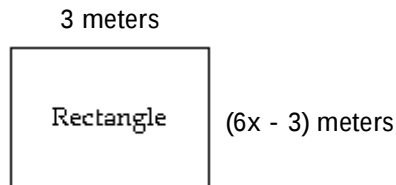


Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Solve.

- 1) Simplify $6x + 2 - 3x + 3$ by combining like terms. 1) _____
 A) $8x$ B) 8 C) $3x + 5$ D) $9x + 5$
- 2) Multiply: $-4(6y + 7)$ 2) _____
 A) $-52y$ B) $-24y - 28$ C) $-10y - 11$ D) $2y + 3$
- 3) Simplify: $-4(2z + 1) - z - 30$ 3) _____
 A) $-7z + 26$ B) $-9z - 34$ C) $-7z - 34$ D) $-9z + 34$
- 4) Write an expression that represents the area of the rectangle. Simplify the expression. 4) _____



- A) $(18x + 9)$ sq m B) $(18x - 9)$ sq m C) $(9x - 9)$ sq m D) $(9x - 6)$ sq m

Solve the equation.

- 5) $-48 = 5y + y$ 5) _____
 A) 8 B) -5 C) 5 D) -8
- 6) $6x - 3 - 5x - 5 = 26$ 6) _____
 A) 24 B) -24 C) 34 D) -34
- 7) $-2x + 1 = 11$ 7) _____
 A) -5 B) 6 C) 16 D) 12

Solve.

- 8) $6(x - 7) = 0$ 8) _____
 A) 7 B) -7 C) -6 D) 6
- 9) $-2(x - 9) - 6 = 14 - 16$ 9) _____
 A) 13 B) 7 C) -7 D) -13

Solve the equation.

- 10) $7x - 9 = x - 63$ 10) _____
 A) 9 B) -9 C) $-\frac{27}{4}$ D) $-\frac{54}{7}$
- 11) $4(2x + 5) = 2(3x + 10)$ 11) _____
 A) 2 B) 20 C) -20 D) 0

12) $2 + 3(3n - 1) = 62$

A) $\frac{19}{3}$

B) 8

C) 7

D) $\frac{67}{9}$

12) _____

Translate the phrase into a mathematical expression. If needed, use x to represent "a number."

13) The sum of -52 and a number.

A) -52

B) $-52 - x$

C) $-52x$

D) $-52 + x$

13) _____

Solve.

14) Six times a number, subtracted from -3.

A) $6x - 3$

B) $-3 - 6x$

C) $3 - 6x$

D) $6x - (-3)$

14) _____

Translate the phrase into a mathematical expression. If needed, use x to represent "a number."

15) The sum of twice 5 and -18 is -8.

A) $2 \cdot 5 + (-8) = -18$

B) $2 \cdot 5 - (-18) = -8$

C) $2 \cdot 5 = -18 + -8$

D) $2 \cdot 5 + (-18) = -8$

15) _____

16) Five added to twice a number equals -13.

A) $2x + 5 = -13$

B) $2x + 13 = 5$

C) $2x - 13 = 5$

D) $2(x + 5) = -13$

16) _____

Solve.

17) The difference of five times a number and eight times the same number is 9. Find the number.

A) -4

B) 4

C) 3

D) -3

17) _____

18) Jackie and her friend Warren ran for an open position on the board of directors of their favorite organization. Jackie received four times the votes that Warren received. There were 200 ballots cast. How many votes did Jackie receive?

A) 152 votes

B) 160 votes

C) 32 votes

D) 40 votes

18) _____

19) A high school graduating class is made up of 598 students. There are 94 more boys than girls. How many girls are in the class?

A) 598 girls

B) 252 girls

C) 346 girls

D) 94 girls

19) _____

Answer Key

Testname: UNTITLED1

- 1) C
- 2) B
- 3) B
- 4) B
- 5) D
- 6) C
- 7) A
- 8) A
- 9) B
- 10) B
- 11) D
- 12) C
- 13) D
- 14) B
- 15) D
- 16) A
- 17) D
- 18) B
- 19) B