

OBJECTIVE: To simplify expressions by combining like terms.
To review the order of operations.

Simplify each expression.

1. $7 + 4(2x - 3)$

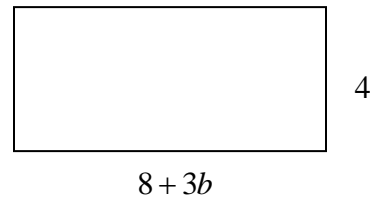
2. $5x + 3(x + 2)$

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

4. $11x - 6(2 - 4x)$

5. $7x - 3(3x - 4) + 2$

6. Find the area of the rectangle. $A = l \cdot w$



REVIEW QUESTIONS:

For questions 7 – 10, use the order of operations to evaluate each expression.

7. $-4 + 16 - 9$

8. $13 + 27 \div -9$

9. $-2(4 + 3) + 4^2$

10. $6 - 2^4(-5 + 7)$

For questions 11 – 14, evaluate each expression for $a = 5$, $b = -3$, and $c = 2$.

11. $ac - b$

12. $c^2 - b(a + c)$

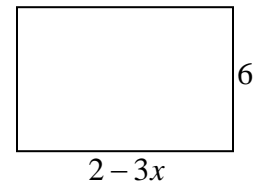
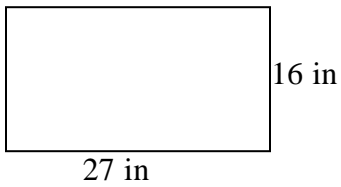
13. $\frac{a - b}{c}$

14. $bc - \frac{a + b}{c}$

For questions 15 – 16, find the area or perimeter of each figure as indicated.

15. $perimeter = 2l + 2w$

16. $area = l \cdot w$



Jumbled Answers

10

$32 + 12b$

4

$12 - 18x$

25

$-2x + 14$

-26

$8x + 6$

3

$35x - 12$

86

2

$8x - 5$

-7

13

$-12x + 12$