Lesson 5

The Distributive Property and Combining Like Terms

Answers

1) $4x + 12 + 2x = 6x + 12$

2) $10y - 5 + 3y = 13y - 5$

3) $6a + 8 - a - 5 = 5a + 3$

4) $-3x + 18 + 2x = -x + 18$

5) $2x + 6 = 16, \quad 2x = 10, \quad x = 5$

6) $8n - 4 + 3 = 19, \quad 8n - 1 = 19, \quad 8n = 20, \quad n = 5/2 = 2.5$

7) $3y + 15 - 2y = 20, \quad y + 15 = 20, \quad y = 5$