

3.2**Practice**

For use with pages 125-129

Solve the equation. Check your solution.

1. $10 + 3(x + 2) = 31$

2. $-2(x - 6) + 7 = 35$

3. $-20 - (4x - 1) = -15$

4. $12(x + 3) - 3x = 117$

5. $-25 + 4(2x + 5) = -61$

6. $187 = 19 + 7(13 - x)$

7. $20 = 14 + 3(x + 8)$

8. $-5(2x - 7) + 24 = 89$

9. $-14 = 6x - 8(x + 3)$

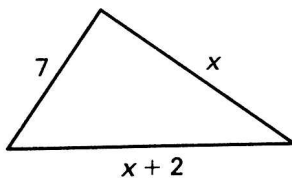
10. $-7x - (10 - x) = -58$

11. $48 = 15 + 6(4 + x) - 3x$

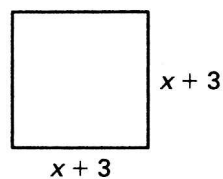
12. $23 - 7(x + 3) + 5x = 10$

Find the value of x for the given triangle, rectangle, or square.

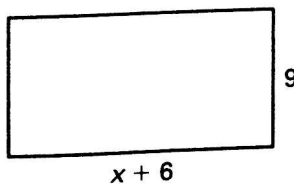
13. Perimeter = 29 units



14. Perimeter = 28 units



15. Perimeter = 52 units



16. Perimeter = 38 units

