

1-4 Skills Practice***Identity and Equality Properties***

Name the property used in each equation. Then find the value of n .

1. $n + 0 = 19$

2. $1 \cdot n = 8$

3. $28 \cdot n = 0$

4. $0 + n = 22$

5. $\frac{1}{4} \cdot n = 1$

6. $n \cdot 9 = 9$

7. $5 = n + 5$

8. $2 \cdot n = 2 \cdot 3$

9. $2(9 - 3) = 2(n)$

10. $(7 \cdot 3) + 4 = n + 4$

11. $5 + 4 = n + 4$

12. $n = 14 \cdot 0$

13. $3n = 1$

14. $11 - (18 \div 2) = 11 - n$

Evaluate each expression. Name the property used in each step.

15. $7(16 \div 4^2)$

16. $2[5 - (15 \div 3)]$

17. $4 - 3[7 - (2 \cdot 3)]$

18. $4[8 - (4 \cdot 2)] + 1$

19. $6 + 9[10 - 2(2 + 3)]$

20. $2(6 \div 3 - 1) \cdot \frac{1}{2}$