NAME _____ DATE _____ PERIOD _____

Practice

Order of Operations

Find the value of each expression.

1. $16 \div 4 - 3$

2. $6 + 9 \cdot 2$

3. $3(8 - 4) \div 2$

4. $6 \cdot 2 \div 3 + 1$

5. $21 \div [7(12 - 9)]$

6. $\dfrac{7 + 5}{3 \cdot 2}$

Name the property of equality shown by each statement.

7. $4 + d = 4 + d$

8. If $\dfrac{y}{3} = 9$ and $y = 27$, then $\dfrac{27}{3} = 9$.

9. If $3c + 1 = 7$, then $7 = 3c + 1$.

10. If $8 - n = 3 + 1$ and $3 + 1 = 2 \cdot 2$, then $8 - n = 2 \cdot 2$.

Find the value of each expression. Identify the property used in each step.

11. $6(9 - 27 \div 3)$

12. $4(16 \div 16) + 3$

13. $5 + (3 - 6 \div 2)$

14. $8 \div 2 \cdot 7(9 - 8)$

Evaluate each algebraic expression if s = 5 and t = 3.

15. $3(2s - t)$

16. $\dfrac{4s}{t - 1}$

17. $s + 3t - 8$

18. $s - \dfrac{t}{3} \cdot 5$

19. $(s + t) - 2 \cdot 3$

20. $3s - 4t + 2$