NAME _____ DATE _____

Practice

Student Edition
Pages 19–24

Order of Operations

Evaluate each expression.

1. $(5 + 3) \div 2 + 2$

2. $7 \cdot 5 - 3 \cdot 4$

3. $3 \cdot 6 + 9 \div 3 - 6$

4. $5^3 - 8 \cdot 5 + 6$

5. $(3 + 6) \div 3^2$

6. $6 \cdot (12 - 7.5) - 7$

7. $(8 - 3)(12 \div 4) - 5$

8. $2.1 \div (0.5 + 0.2)$

9. $20 \div 4 \cdot 5 \cdot 2 \div 10$

10. $125 \div [5(2 + 3)]$

11. $(6 + 8)(8 - 3) \div (9 + 3 - 2)^2$

12. $3(2^3 + 4^2)$

13. $50 - \frac{1}{2}(17 + 5)$

14. $6(0.2 + 0.3) - 0.25$

15. $\frac{(6 + 2)^2}{16} + 3 \cdot 9$

16. $\frac{8^2 - 6(4)}{2(5)} - 4$

17. $[6^2 - (2 + 4)2]3$

18. $\frac{6^2 - 4^2}{2(3 - 2)} - 2^3$

19. $5\left[\frac{1}{2} + \left(\frac{3}{5} \cdot \frac{5}{6}\right) \div \frac{5}{8}\right]$

20. $\left[\frac{3}{4} \cdot \frac{2}{3} - \left(\frac{1}{2} - \frac{1}{3}\right)\right]12$

21. $6 - \left[\frac{2 + 7}{3} - (2 \cdot 3 - 5)\right]$

22. $12\left[10 - \frac{(5^2 - 6)3}{6}\right]$