

Practice 4-2**Exponents**

Write each expression using an exponent. Name the base and the exponent.

1. $3 \times 3 \times 3 \times 3$

2. $7 \times 7 \times 7 \times 7 \times 7 \times 7$

3. $9 \times 9 \times 9$

Evaluate each expression.

4. 9^2

5. 6^4

6. 5^3

7. $20 - (32 \div 2^4) + 9$

8. $63 \div 3^2 + (22 - 10)$

9. $53 + 64 \div 2^3$

10. $(3 \times 4)^2$

11. $3^4 + 12 \div 6$

12. 6^0

13. $4 + 7 \times 2^3$

14. $60 - (2 \times 3)^3 \div 4$

15. $7^2 + 4$

16. $7^2 - 7 \times 2$

17. $(13 + 2) - (6^2 - 25)$

18. $(4^2 - 4) \times 10$

19. $(4 + 3) \times (2 + 1)$

20. 1^{12}