

Squares and cubes

Evaluate. These are squares and cubes.

1. $12^3 =$ _____

2. $3^2 =$ _____

3. $4^2 =$ _____

4. $20^2 =$ _____

5. $11^3 =$ _____

6. $7^2 =$ _____

7. $7^3 =$ _____

8. $9^3 =$ _____

9. $5^3 =$ _____

10. $12^2 =$ _____

11. $11^2 =$ _____

12. $3^3 =$ _____

Powers of 10

Evaluate each power of 10.

1. $4 \times 10^3 =$ _____

2. $10^6 =$ _____

3. $7 \times 10^4 =$ _____

4. $2 \times 10^2 =$ _____

5. $7 \times 10^3 =$ _____

6. $4 \times 10^4 =$ _____

7. $10^2 =$ _____

8. $10^1 =$ _____

9. $10^5 =$ _____

10. $10^3 =$ _____

11. $10^4 =$ _____

12. $9 \times 10^4 =$ _____

Exponents of 4 and 5

Evaluate. The exponent is 4 or 5.

1. $3^5 =$ _____

2. $6^4 =$ _____

3. $4^4 =$ _____

4. $4^5 =$ _____

5. $3^4 =$ _____

6. $5^4 =$ _____

7. $2^5 =$ _____

8. $2^4 =$ _____

9. $3^4 =$ _____

10. $2^4 =$ _____

11. $2^5 =$ _____

12. $4^5 =$ _____

Powers in expressions

Evaluate. Do the power before the other operation.

1. $12 \times 3^3 =$ _____

2. $6 \times 12^2 =$ _____

3. $100 \div 5^2 =$ _____

4. $9 \times 6^2 =$ _____

5. $3^2 - 3 =$ _____

6. $7 \times 8^2 =$ _____

7. $4^2 + 49 =$ _____

8. $2^3 - 1 =$ _____

9. $256 \div 8^2 =$ _____

10. $5^3 + 80 =$ _____

11. $76 - 7^2 =$ _____

12. $700 \div 10^2 =$ _____