

Squares and cubes

Evaluate. These are squares and cubes.

1. $9^2 =$ _____

2. $2^3 =$ _____

3. $70^2 =$ _____

4. $6^2 =$ _____

5. $20^2 =$ _____

6. $3^3 =$ _____

7. $50^2 =$ _____

8. $4^3 =$ _____

9. $4^2 =$ _____

10. $2^2 =$ _____

11. $11^3 =$ _____

12. $11^2 =$ _____

Powers of 10

Evaluate each power of 10.

1. $10^5 =$ _____

2. $9 \times 10^3 =$ _____

3. $5 \times 10^4 =$ _____

4. $8 \times 10^4 =$ _____

5. $3 \times 10^2 =$ _____

6. $6 \times 10^3 =$ _____

7. $10^4 =$ _____

8. $4 \times 10^3 =$ _____

9. $10^1 =$ _____

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

11. $5 \times 10^3 =$ _____

12. $2 \times 10^3 =$ _____

Exponents of 4 and 5

Evaluate. The exponent is 4 or 5.

1. $3^4 =$ _____

2. $4^5 =$ _____

3. $2^5 =$ _____

4. $3^5 =$ _____

5. $4^4 =$ _____

6. $6^4 =$ _____

7. $5^4 =$ _____

8. $2^4 =$ _____

9. $5^4 =$ _____

10. $4^4 =$ _____

11. $3^4 =$ _____

12. $6^4 =$ _____

Powers in expressions

Evaluate. Do the power before the other operation.

1. $3 \times 10^2 =$ _____

2. $3^3 \div 9 =$ _____

3. $4^3 \div 2 =$ _____

4. $40 \div 2^3 =$ _____

5. $5 \times 11^2 =$ _____

6. $3 \times 2^4 =$ _____

7. $16 + 2^5 =$ _____

8. $71 - 3^3 =$ _____

9. $60 - 7^2 =$ _____

10. $61 - 7^2 =$ _____

11. $52 - 3^3 =$ _____

12. $58 + 5^2 =$ _____