

Squares and cubes

Evaluate. These are squares and cubes.

1. $9^2 =$ 81

2. $2^3 =$ 8

3. $70^2 =$ 4,900

4. $6^2 =$ 36

5. $20^2 =$ 400

6. $3^3 =$ 27

7. $50^2 =$ 2,500

8. $4^3 =$ 64

9. $4^2 =$ 16

10. $2^2 =$ 4

11. $11^3 =$ 1,331

12. $11^2 =$ 121

Powers of 10

Evaluate each power of 10.

1. $10^5 =$ 100,000

2. $9 \times 10^3 =$ 9,000

3. $5 \times 10^4 =$ 50,000

4. $8 \times 10^4 =$ 80,000

5. $3 \times 10^2 =$ 300

6. $6 \times 10^3 =$ 6,000

7. $10^4 =$ 10,000

8. $4 \times 10^3 =$ 4,000

9. $10^1 =$ 10

10. $7 \times 10^4 =$ 70,000

11. $5 \times 10^3 =$ 5,000

12. $2 \times 10^3 =$ 2,000

Exponents of 4 and 5

Evaluate. The exponent is 4 or 5.

1. $3^4 =$ 81

2. $4^5 =$ 1,024

3. $2^5 =$ 32

4. $3^5 =$ 243

5. $4^4 =$ 256

6. $6^4 =$ 1,296

7. $5^4 =$ 625

8. $2^4 =$ 16

9. $5^4 =$ 625

10. $4^4 =$ 256

11. $3^4 =$ 81

12. $6^4 =$ 1,296

Powers in expressions

Evaluate. Do the power before the other operation.

1. $3 \times 10^2 =$ 300

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

3. $4^3 \div 2 =$ 32

4. $40 \div 2^3 =$ 5

5. $5 \times 11^2 =$ 605

6. $3 \times 2^4 =$ 48

7. $16 + 2^5 =$ 48

8. $71 - 3^3 =$ 44

9. $60 - 7^2 =$ 11

10. $61 - 7^2 =$ 12

11. $52 - 3^3 =$ 25

12. $58 + 5^2 =$ 83