

Powers, brackets and division

Name: _____

Date: _____

Brackets first, then the powers, then the multiplying and dividing, and adding and subtracting last.

1. $(8^2 - 5 \times 4) \div 4$ =

2. $6^2 \times 105 \div (3 \times 7)$ =

3. $(4^2 + 27 \div 9) \times 2$ =

4. $6^2 - (10 - 7) + 2$ =

5. $4 \times (10 + 10 + 6^2)$ =

6. $8 \times (10 + 3) - 7^2$ =

7. $2^2 \times (2 + 7 + 5)$ =

8. $(7 + 50 \div 5^2) \times 9$ =

9. $8^2 \times (40 \div 10 + 2)$ =

10. $10 - (98 \div 7^2 + 4)$ =

11. $40 \div (4 \times 6 - 2^2)$ =

12. $10 + (6 + 6^2) \div 3$ =

Answer key: Powers, brackets and division

Brackets first, then the powers, then the multiplying and dividing, and adding and subtracting last.

1. $(8^2 - 5 \times 4) \div 4 = 11$
2. $6^2 \times 105 \div (3 \times 7) = 180$
3. $(4^2 + 27 \div 9) \times 2 = 38$
4. $6^2 - (10 - 7) + 2 = 35$
5. $4 \times (10 + 10 + 6^2) = 224$
6. $8 \times (10 + 3) - 7^2 = 55$
7. $2^2 \times (2 + 7 + 5) = 56$
8. $(7 + 50 \div 5^2) \times 9 = 81$
9. $8^2 \times (40 \div 10 + 2) = 384$
10. $10 - (98 \div 7^2 + 4) = 4$
11. $40 \div (4 \times 6 - 2^2) = 2$
12. $10 + (6 + 6^2) \div 3 = 24$