

Full PEMDAS practice

Name: _____

Date: _____

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

1. $8 + 7^2 - 7 - (6 + 8)$ =

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

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

4. $6^2 + 3 \times (6 - 24 \div 8)$ =

5. $30 \div (3 + 7) \times 64 \div 4^2$ =

6. $4^2 - 3 + 48 \div (6 + 10)$ =

7. $20 \div 10 + 18 \div (5 + 2^2)$ =

8. $3^2 + 4 + 3 \times (6 - 4)$ =

9. $8 + 2^2 \times (10 + 10) - 3$ =

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

11. $16 \div 8 + 81 \div (2 + 5^2)$ =

12. $7^2 \times 6 - (6 + 3 - 6)$ =

Answer key: Full PEMDAS practice

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

1. $8 + 7^2 - 7 - (6 + 8) = 36$
2. $7^2 + 7 \times (3 \times 8 + 7) = 266$
3. $(8 + 7 \times 2) \times 2 + 8^2 = 108$
4. $6^2 + 3 \times (6 - 24 \div 8) = 45$
5. $30 \div (3 + 7) \times 64 \div 4^2 = 12$
6. $4^2 - 3 + 48 \div (6 + 10) = 16$
7. $20 \div 10 + 18 \div (5 + 2^2) = 4$
8. $3^2 + 4 + 3 \times (6 - 4) = 19$
9. $8 + 2^2 \times (10 + 10) - 3 = 85$
10. $7 + 2 \times (3 + 2^2 - 3) = 15$
11. $16 \div 8 + 81 \div (2 + 5^2) = 5$
12. $7^2 \times 6 - (6 + 3 - 6) = 291$