

Review: powers and brackets

Name: _____

Date: _____

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

1. $8^2 \times 14 \div (5 + 2)$ =

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

3. $50 \div (6 + 4) \times 2^2$ =

4. $4^2 \div 8 \times (5 - 3)$ =

5. $10 + 80 \div (7 + 3^2)$ =

6. $5 + 32 \div (7 + 3^2)$ =

7. $16 \div 4 \times (9^2 - 6)$ =

8. $3 + 10 \times (4^2 + 8)$ =

9. $20 \div 4 \times (3 + 4^2)$ =

10. $18 \div 6 \times (5^2 - 4)$ =

11. $10 + (9 + 3) \times 4^2$ =

12. $4^2 + (9 + 7) \times 7$ =

Answer key: Review: powers and brackets

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

1. $8^2 \times 14 \div (5 + 2) = 128$

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

3. $50 \div (6 + 4) \times 2^2 = 20$

4. $4^2 \div 8 \times (5 - 3) = 4$

5. $10 + 80 \div (7 + 3^2) = 15$

6. $5 + 32 \div (7 + 3^2) = 7$

7. $16 \div 4 \times (9^2 - 6) = 300$

8. $3 + 10 \times (4^2 + 8) = 243$

9. $20 \div 4 \times (3 + 4^2) = 95$

10. $18 \div 6 \times (5^2 - 4) = 63$

11. $10 + (9 + 3) \times 4^2 = 202$

12. $4^2 + (9 + 7) \times 7 = 128$