

Name: Date:

PEMDAS: Order of Operations

Solve.

1. $7^2 \times (6 - 5) + 3^2 \times (24 \div 8)$

2. $5 + 2^3 \times (22 \div 11) - 3^2 \times (4 + 5)$

3. $19 + 13 \times (18 - 16) + 7^2$

4. $3 - (45 \div 3^2) + 12 \times 4$

5. $(11 + 3) - 5^3 \div 25 + 2^2 \times 5$

6. $(4 \times 14^2) - (8 + 20)$

7. $(5 + 10)^2 \div 5 \times 7^2$

8. $(15 \times 12) \div (2^3 + 2)$

9. $(6^3 - 12) \div (20 - 8)$

10. $(19 + 7^2 \times 8) - 5$

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PEMDAS: Order of Operations

Answers

1. $7^2 \times (6 - 5) + 3^2 \times (24 \div 8)$

76

2. $5 + 2^3 \times (22 \div 11) - 3^2 \times (4 + 5)$

-60

3. $19 + 13 \times (18 - 16) + 7^2$

94

4. $3 - (45 \div 3^2) + 12 \times 4$

46

5. $(11 + 3) - 5^3 \div 25 + 2^2 \times 5$

29

6. $(4 \times 14^2) - (8 + 20)$

756

7. $(5 + 10)^2 \div 5 \times 7^2$

2,205

8. $(15 \times 12) \div (2^3 + 2)$

18

9. $(6^3 - 12) \div (20 - 8)$

17

10. $(19 + 7^2 \times 8) - 5$

406