Order of operations worksheet

5th grade math · Operations & Algebraic Thinking · 5.OA.A.1

Name _____ Date _____

For grown-ups: 12 order of operations problems, easier ones first. Let your child try each one alone, then check together with the answer key on page 2. A ? marks the missing number or symbol.

1. **4 × 8 – 6 = ?**

Answer: _____

2. **9 + 4 × 7 = ?**

Answer: _____

3. **7 × 3 – 6 = ?**

Answer: _____

4. **(5 + 2) × 5 = ?**

Answer: _____

5. **12 ÷ 2 + 9 = ?**

Answer: _____

6. **6 ÷ 2 + 3 = ?**

Answer: _____

7. **(4 + 2) × 4 = ?**

Answer: _____

8. **5 × (9 + 6) – 9 = ?**

Answer: _____

9. **3 × (6 + 8) – 6 = ?**

Answer: _____

10. **16 ÷ 4 + 4 = ?**

Answer: _____

11. **[4 + (4 × 2)] ÷ 3 = ?**

Answer: _____

12. **[4 + (4 × 6)] ÷ 4 = ?**

Answer: _____

Answer key: Order of operations

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1. **26**
   Multiply first: 4 × 8 = 32. Then 32 – 6 = 26.
2. **37**
   Multiply first: 4 × 7 = 28. Then 9 + 28 = 37.
3. **15**
   Multiply first: 7 × 3 = 21. Then 21 – 6 = 15.
4. **35**
   Parentheses first: 5 + 2 = 7. Then 7 × 5 = 35.
5. **15**
   Divide first: 12 ÷ 2 = 6. Then 6 + 9 = 15.
6. **6**
   Divide first: 6 ÷ 2 = 3. Then 3 + 3 = 6.
7. **24**
   Parentheses first: 4 + 2 = 6. Then 6 × 4 = 24.
8. **66**
   Parentheses: 9 + 6 = 15. Multiply: 5 × 15 = 75. Subtract 9: 66.
9. **36**
   Parentheses: 6 + 8 = 14. Multiply: 3 × 14 = 42. Subtract 6: 36.
10. **8**
    Divide first: 16 ÷ 4 = 4. Then 4 + 4 = 8.
11. **4**
    Inside the parentheses first: 4 × 2 = 8. Then 4 + 8 = 12. Then 12 ÷ 3 = 4.
12. **7**
    Inside the parentheses first: 4 × 6 = 24. Then 4 + 24 = 28. Then 28 ÷ 4 = 7.