

4-Step Order of Operations - Word Problems Answer Key

1. $4 \times (6 + 2) - (3 \times 4)$

Step 1: $6 + 2 = 8 \rightarrow$ Step 2: $4 \times 8 = 32 \rightarrow$ Step 3: $3 \times 4 = 12 \rightarrow$ Step 4: $32 - 12 = 20$

2. $3 \times (8 + 2) - 7 + 5$

Step 1: $8 + 2 = 10 \rightarrow$ Step 2: $3 \times 10 = 30 \rightarrow$ Step 3: $30 - 7 = 23 \rightarrow$ Step 4: $23 + 5 = 28$

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

Step 1: $8 \div 2 = 4 \rightarrow$ Step 2: $3 \times 4 = 12 \rightarrow$ Step 3: $12 - 4 = 8 \rightarrow$ Step 4: $8 + 6 = 14$

4. $6 \times 8 + 3 \times 5 - 7$

Step 1: $6 \times 8 = 48 \rightarrow$ Step 2: $3 \times 5 = 15 \rightarrow$ Step 3: $48 + 15 = 63 \rightarrow$ Step 4: $63 - 7 = 56$

5. $4 \times (9 - 2) + 4 \times 3$

Step 1: $9 - 2 = 7 \rightarrow$ Step 2: $4 \times 7 = 28 \rightarrow$ Step 3: $4 \times 3 = 12 \rightarrow$ Step 4: $28 + 12 = 40$

6. $12 + 3 \times 4 - 5 + 2$

Step 1: $3 \times 4 = 12 \rightarrow$ Step 2: $12 + 12 = 24 \rightarrow$ Step 3: $24 - 5 = 19 \rightarrow$ Step 4: $19 + 2 = 21$

7. $4 \times (9 - 2) + 6 - 3$

Step 1: $9 - 2 = 7 \rightarrow$ Step 2: $4 \times 7 = 28 \rightarrow$ Step 3: $28 + 6 = 34 \rightarrow$ Step 4: $34 - 3 = 31$

8. $5 \times (7 - 2) + 10 - 4$

Step 1: $7 - 2 = 5 \rightarrow$ Step 2: $5 \times 5 = 25 \rightarrow$ Step 3: $25 + 10 = 35 \rightarrow$ Step 4: $35 - 4 = 31$

9. $6 \times (5 - 2) + 4 - 1$

Step 1: $5 - 2 = 3 \rightarrow$ Step 2: $6 \times 3 = 18 \rightarrow$ Step 3: $18 + 4 = 22 \rightarrow$ Step 4: $22 - 1 = 21$