

3-Step Order of Operations Math Riddles Answer Key

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

Step 1: $6 - 2 = 4 \rightarrow$ Step 2: $4 \times 4 = 16 \rightarrow$ Step 3: $16 + 5 = \mathbf{21}$

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

Step 1: $8 + 2 = 10 \rightarrow$ Step 2: $3 \times 10 = 30 \rightarrow$ Step 3: $30 - 7 = \mathbf{23}$

3. Expression: $3 \times (8 \div 2) - 4$

Step 1: $8 \div 2 = 4 \rightarrow$ Step 2: $3 \times 4 = 12 \rightarrow$ Step 3: $12 - 4 = \mathbf{8}$

4. Expression: $((25 + 10) \div 5) + 3$

Step 1: $25 + 10 = 35 \rightarrow$ Step 2: $35 \div 5 = 7 \rightarrow$ Step 3: $7 + 3 = \mathbf{10}$

5. Expression: $12 + (4 \times 3) - 5$

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

6. Expression: $2 \times (9 - 3) \div 4$

Step 1: $9 - 3 = 6 \rightarrow$ Step 2: $2 \times 6 = 12 \rightarrow$ Step 3: $12 \div 4 = \mathbf{3}$ full bags

7. Expression: $48 \div (7 - 3) + 2$

Step 1: $7 - 3 = 4 \rightarrow$ Step 2: $48 \div 4 = 12 \rightarrow$ Step 3: $12 + 2 = \mathbf{14}$ per shelf

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

Step 1: $7 - 2 = 5 \rightarrow$ Step 2: $5 \times 5 = 25 \rightarrow$ Step 3: $25 + 10 = \mathbf{35}$

9. Expression: $6 \times 8 + 3 \times 5$

Step 1: $6 \times 8 = 48 \rightarrow$ Step 2: $3 \times 5 = 15 \rightarrow$ Step 3: $48 + 15 = \mathbf{63}$