

Name _____

4-Step Order of Operations - Word Problems Answer Key

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

Step 1: $6 + 3 = 9$

Step 2: $4 \times 9 = 36$

Step 3: $2 \times 4 = 8$

Step 4: $36 - 8 = 28$

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

Step 1: $8 - 2 = 6$

Step 2: $3 \times 6 = 18$

Step 3: $2 \times 3 = 6$

Step 4: $18 + 6 = 24$

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

Step 1: $8 - 2 = 6$

Step 2: $3 \times 6 = 18$

Step 3: $2 \times 5 = 10$

Step 4: $18 + 10 = 28$

7. $48 \div (7 - 3) + (3 - 1)$

Step 1: $7 - 3 = 4$

Step 2: $48 \div 4 = 12$

Step 3: $3 - 1 = 2$

Step 4: $12 + 2 = 14$ per shelf

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

Step 1: $6 \times 7 = 42$

Step 2: $4 \times 5 = 20$

Step 3: $42 + 20 = 62$

Step 4: $62 - 6 = 56$

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

Step 1: $7 - 2 = 5$

Step 2: $5 \times 5 = 25$

Step 3: $25 + 10 = 35$

Step 4: $35 - 4 = 31$

4. $5 \times (12 - 3) + (6 \times 3)$

Step 1: $12 - 3 = 9$

Step 2: $5 \times 9 = 45$

Step 3: $6 \times 3 = 18$

Step 4: $45 + 18 = 63$

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

Step 1: $5 + 3 = 8$

Step 2: $4 \times 8 = 32$

Step 3: $3 \times 2 = 6$

Step 4: $32 - 6 = 26$

5. $10 + 4 \times 3 - 5 + 2$

Step 1: $4 \times 3 = 12$

Step 2: $10 + 12 = 22$

Step 3: $22 - 5 = 17$

Step 4: $17 + 2 = 19$

10. $3 \times (12 - 2) + (2 \times 3)$

Step 1: $12 - 2 = 10$

Step 2: $3 \times 10 = 30$

Step 3: $2 \times 3 = 6$

Step 4: $30 + 6 = 36$