Name _____

5-Step Order of Operations: Word Problems Answer Key

1) Birthday Balloons

Expression: $5 \times (12 - 3) + (2 \times 4) - 10$

Steps:

1. 12−3=9
2. 5×9=45
3. 2×4=8
4. 45+8=53
5. 53−10= **43**

2) Soccer Tickets

Expression: $6 \times 8 + 4 \times 5 - 10 + 6$

Steps:

1. 6×8=48
2. 4×5=20
3. 48+20=68
4. 68−10=58
5. 58+6= **64**

3) Classroom Chairs

Expression: $7 \times (9 - 2) + 15 - 8$

Steps:

1. 9−2=7
2. 7×7=49
3. 49+15=64
4. 64−8=56
5. Answer = **56**

4) Cookies for a Bake Sale

Expression: $24 + (3 \times 10) - 12 - 15$

Steps:

1. 3×10=30
2. 24+30=54
3. 54−12=42
4. 42−15=27
5. Answer = **27**

5) Summer Camp Lunches

Expression: $4 \times 9 \times 2 - 5 + 12$

Steps:

1. 4×9=36
2. 36×2=72
3. 72−5=67
4. 67+12=79
5. Answer = **79**

6) Books in the Library

Expression: $5 \times 14 - 6 + (2 \times 10) - 5$

Steps:

1. 5×14=70
2. 70−6=64
3. 2×10=20
4. 64+20=84
5. 84−5= **79**