Writing Numerical Expressions - ANSWER KEY

Grade 5 | Writing expressions from words and interpreting them without calculating | Version 1 of 10

Use parentheses to show which operation comes first. Example: "add 5 and 3, then multiply by 2" is (5 + 3) × 2.

Part A: Write an expression for each phrase. Do not solve.

1. Half of the difference of 56 and 26: **(56 – 26) ÷ 2**
2. Add 4 and 19, then multiply by 3: **(4 + 19) × 3**
3. Add 3 to the product of 11 and 10: **11 × 10 + 3**
4. 6 times the sum of 19 and 23: **6 × (19 + 23)**
5. Subtract 18 from 27, then multiply by 4: **(27 – 18) × 4**

Part B: Write an expression, then evaluate it.

6. Multiply 2 by 7, then add 15: **2 × 7 + 15 = 29**
7. Divide 56 by 7, then subtract 5: **56 ÷ 7 – 5 = 3**
8. Subtract 13 from 69, then divide by 7: **(69 – 13) ÷ 7 = 8**

Part C: Compare without calculating.

9. Compare 6 × (2,439 + 836) with 2,439 + 836. The first is **6 times as large**
10. Compare 3 × (2,116 + 467) with 2,116 + 467. The first is **3 times as large**
11. Compare 4 × (960 + 838) with 960 + 838. The first is **4 times as large**