Writing Numerical Expressions - ANSWER KEY

Grade 5 | Writing expressions from words and interpreting them without calculating | Version 7 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. Subtract 24 from 50, then multiply by 5: **(50 – 24) × 5**
2. 2 times the sum of 19 and 22: **2 × (19 + 22)**
3. Half of the difference of 47 and 39: **(47 – 39) ÷ 2**
4. Divide 72 by 6, then subtract 11: **72 ÷ 6 – 11**
5. Subtract 20 from 101, then divide by 9: **(101 – 20) ÷ 9**

Part B: Write an expression, then evaluate it.

6. Add 40 to the product of 10 and 11: **10 × 11 + 40 = 150**
7. Multiply 9 by 8, then add 11: **9 × 8 + 11 = 83**
8. Add 16 and 4, then multiply by 3: **(16 + 4) × 3 = 60**

Part C: Compare without calculating.

9. Compare 6 × (2,281 + 136) with 2,281 + 136. The first is **6 times as large**
10. Compare 4 × (349 + 336) with 349 + 336. The first is **4 times as large**
11. Compare 3 × (594 + 900) with 594 + 900. The first is **3 times as large**