Writing Numerical Expressions - ANSWER KEY

Grade 5 | Writing expressions from words and interpreting them without calculating | Version 4 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. Divide 35 by 5, then subtract 4: **35 ÷ 5 – 4**
2. Subtract 19 from 43, then multiply by 5: **(43 – 19) × 5**
3. Multiply 5 by 5, then add 17: **5 × 5 + 17**
4. Add 14 to the product of 4 and 9: **4 × 9 + 14**
5. Half of the difference of 23 and 3: **(23 – 3) ÷ 2**

Part B: Write an expression, then evaluate it.

6. 5 times the sum of 21 and 11: **5 × (21 + 11) = 160**
7. Add 5 and 12, then multiply by 8: **(5 + 12) × 8 = 136**
8. Subtract 7 from 25, then divide by 9: **(25 – 7) ÷ 9 = 2**

Part C: Compare without calculating.

9. Compare 6 × (1,158 + 805) with 1,158 + 805. The first is **6 times as large**
10. Compare 2 × (986 + 171) with 986 + 171. The first is **2 times as large**
11. Compare 3 × (1,009 + 995) with 1,009 + 995. The first is **3 times as large**