Name: _____ Date: _____

Writing Numerical Expressions

Grade 5 | Writing expressions from words and interpreting them without calculating | Version 9 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. 7 times the sum of 18 and 20: _____

2. Add 38 to the product of 6 and 4: _____

3. Subtract 19 from 51, then divide by 8: _____

4. Subtract 15 from 42, then multiply by 5: _____

5. Add 3 and 12, then multiply by 3: _____

Part B: Write an expression, then evaluate it.

6. Divide 35 by 7, then subtract 4: _____

7. Multiply 2 by 9, then add 11: _____

8. Half of the difference of 45 and 39: _____

Part C: Compare without calculating.

9. Compare 4 × (2,992 + 232) with 2,992 + 232. The first is _____

10. Compare 2 × (2,270 + 975) with 2,270 + 975. The first is _____

11. Compare 5 × (2,893 + 646) with 2,893 + 646. The first is _____

Writing Numerical Expressions - ANSWER KEY

Grade 5 | Writing expressions from words and interpreting them without calculating | Version 9 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. 7 times the sum of 18 and 20: **7 × (18 + 20)**
2. Add 38 to the product of 6 and 4: **6 × 4 + 38**
3. Subtract 19 from 51, then divide by 8: **(51 – 19) ÷ 8**
4. Subtract 15 from 42, then multiply by 5: **(42 – 15) × 5**
5. Add 3 and 12, then multiply by 3: **(3 + 12) × 3**

Part B: Write an expression, then evaluate it.

6. Divide 35 by 7, then subtract 4: **35 ÷ 7 – 4 = 1**
7. Multiply 2 by 9, then add 11: **2 × 9 + 11 = 29**
8. Half of the difference of 45 and 39: **(45 – 39) ÷ 2 = 3**

Part C: Compare without calculating.

9. Compare 4 × (2,992 + 232) with 2,992 + 232. The first is **4 times as large**
10. Compare 2 × (2,270 + 975) with 2,270 + 975. The first is **2 times as large**
11. Compare 5 × (2,893 + 646) with 2,893 + 646. The first is **5 times as large**