Name: _____ Date: _____

Order of Operations With Parentheses, Brackets and Braces

Grade 5 | Evaluating expressions with nested parentheses, brackets and braces | Version 4 of 10

Evaluate. Work from the inside out: parentheses ( ), then brackets [ ], then braces { }. Inside each, multiply and divide from left to right, then add and subtract.

Part A: Parentheses and brackets

1. $6 – [(14 – 2) – 11] =$ _____
2. $5 + [(17 \times 7) + 10] =$ _____
3. $[15 – (9 – 3)] \times 8 =$ _____
4. $15 + [(12 + 1) + 14] =$ _____
5. $[11 + (11 \times 4)] + 13 =$ _____
6. $[9 \times (16 – 9)] – 8 =$ _____

Part B: Parentheses, brackets and braces

7. $\{[(15 – 9) + 8] + 12\} – 3 =$ _____
8. $\{9 + [(6 + 6) + 8]\} + 3 =$ _____
9. $5 \times \{[8 + (14 – 6)] \times 5\} =$ _____
10. $\{10 \times [9 \times (18 – 12)]\} – 10 =$ _____
11. $\{9 – [(8 \times 7) \div 14]\} + 11 =$ _____
12. $\{7 – [10 – (7 + 2)]\} \times 10 =$ _____
13. $\{7 + [15 + (14 + 9)]\} – 10 =$ _____
14. $\{6 \times [6 + (4 \times 5)]\} + 13 =$ _____