

Chapter 8 — Order of Operations

Worksheet A: Guided Practice

Name: _____ Grade: _____ Date: _____

1. Evaluate: $8 + 2 \times 4$

Multiply before adding.

2. Evaluate: $26 - 4 \times 5$

Multiply before subtracting.

3. Evaluate: $(6 + 5) \times 2$

Work inside brackets first.

4. Evaluate: $35 \div 7 + 9$

Divide before adding.

5. Evaluate: $14 - 12 \div 3$

Divide before subtracting.

6. Evaluate: $28 \div (11 - 4)$

Complete brackets before dividing.

7. Evaluate: $2^4 + 6$

Evaluate the exponent first.

8. Evaluate: $45 \div 9 \times 4$

Work left to right.

9. Evaluate: $3 + 5^2$

Evaluate the exponent first.

10. Evaluate: $8 \times 5 \div 4$

The multiplication appears first.

11. Evaluate: $5.6 + 12 \div 4$

Divide before adding the decimal.

12. Evaluate: $19 - 8 + 6$

Work left to right.

13. Evaluate: $4 + 13 - 9$

The addition appears first.

14. Evaluate: $2.5 \times 4 - 3$

Multiply before subtracting.

15. Explain why $9 + 3 \times 4$ is not equal to 48.

State which operation happens before addition.