NAME_____

Module 1 **Number Sense**
Lesson 1 **Order of Operations**

Independent Practice 1.1

Evaluate each of the following.

1. $20 + 5 \times 4 + 9$

2. $(15 - 9) \times (3 + 4)$

3. $48 \div (18 - 10) + 15$

4. $9 \times (5 + 7) - 26$

5. $7 \times (27 \div 9)^2$

6. $9 \times 2^2 \div (16 - 4)$

7. $2[4(5 + 11)] - 100$

8. $45 \div 3^2 + 10(15 - 12)$

9. $(36 \div 9)^2 \div (1 + 3)$

10. $[3\{70 \div (5 \times 7)\}] \div 2$

Journal

1. When are exponents evaluated in the Order of Operations?
2. Darnell says that the expression $4 + 5 \times 6$ is equal to 34. Ashley says that it is equal to 54. Who is correct? Justify your answer.
3. Explain how to solve $8 + (15 \div 5)^3$.

Cumulative Review

Evaluate each of the following.

1. $8 \times 5 + 27 \div 9$

2. $(25 + 15) \div (12 - 4)$

3. $6 \times (3 + 9) - 12$

4. $84 \div (2^2 \times 3)$

5. $9 \times [35 \div (11 - 4)]$

6. $(48 \div 12)^3 \times (12 - 10)$

7. $8(9 + 3) + 2 \times 6^2$

8. $(25 + 65) - 3[5(2 + 4)]$

9. $10 + 3[9 + (40)(3) \div (4)(5)]$

10. $9^2 \div 3 + 5[4 + 2 \times 12 \div 6]$