

Numerical Expressions

Guided Practice

Find the value of each expression. (Examples 1–5)

1. $9 + 3 - 5 =$ _____

2. $(26 + 5) \times 2 - 15 =$ _____

3. $5^2 + 8 \div 2 =$ _____

4. **Financial Literacy** Tickets to a play cost \$10 for members and \$24 for nonmembers. Write an expression to find the total cost of 4 nonmember tickets and 2 member tickets. Then find the total cost. (Example 6)



Independent Practice

Find the value of each expression. (Examples 1–5)

1. $8 + 4 - 3 =$ _____

2. $38 - 19 + 12 =$ _____

3. $7 + 9 \times (3 + 8) =$ _____

4. $15 - 2^3 \div 4 =$ _____

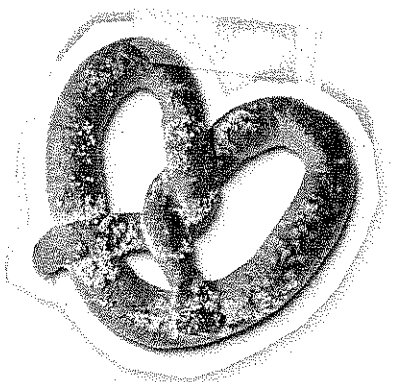
5. $55 \div 11 + 7 \times (2 + 14) =$ _____

6. $5^3 - 12 \div 3 =$ _____

7. $8 \times (2^4 - 3) + 8 =$

8. $9 + 4^3 \times (20 - 8) \div 2 + 6 =$

9. **Financial Literacy** Tyree and four friends go to the movies. Each person buys a movie ticket for \$7, a snack for \$5, and a drink for \$2. Write an expression for the total cost of the trip to the movies. Then find the total cost. (Example 6)



10. **Financial Literacy** The Molina family went to a concert together. They purchased 4 concert tickets for \$25 each, 3 T-shirts for \$15 each, and a poster for \$10. Write an expression for the total cost. Then find the total cost. (Example 6)

 **Standardized Test Practice**

15. Arleta is 2 years younger than Josh, and Josh is 5 years older than Monica, who is 9 years old. Which expression could you use to find Arleta's age?
- (A) $9 + 5 + 2$ (C) $9 - 5 + 2$
(B) $2 + 9 - 5$ (D) $9 + 5 - 2$

20. $26 + 6^2 \div 4 =$

21. $22 \div 2 \times 3^2 =$

22. $12 \div 4 + (5^2 - 6) =$

23. $96 \div 4^2 + (25 \times 2) - 15 - 3 =$

25. **CCSS Reason Inductively** Addison is making caramel apples. She has $2\frac{1}{2}$ bags of apples. One full bag has 8 apples, and each apple weighs 5 ounces. Write an expression that could be used to find the total number of ounces of apples Addison has. Then find the total number of ounces.

