

Try your best. Show all your work. Circle your final answer.

1. Write numerical expression for the verbal expression. DO NOT EVALUATE.

three times the sum of twenty and two

2. Write an algebraic expression for the verbal expression:

seven less than three times a number n

3. Evaluate.
 $6 \div 3 * 2$

4. Error Analysis - Gus evaluated the following expression **incorrectly**:

$$15 - [10 + (3 - 2)^2] + 6$$

$$15 - [10 + 1^2] + 6$$

$$15 - [11^2] + 6$$

$$15 - [121] + 6$$

$$-106 + 6$$

$$-100$$

Identify the mistake, then show the correct solution.

5. Evaluate.

$$\frac{(4 + 5)^2}{3(7 - 4)}$$

6. Evaluate $5n - 4$, when $n = 6$.

7. Evaluate $c^2 + 3(b - 2a)$, if $a = 7$, $b = 9$, and $c = 4$.

8. Maria earns \$12 per hour babysitting. She also spends \$5 on snacks for each job.

Write an algebraic expression for her profit after h hours.

Evaluate the expression to find how much Maria makes for 6 hours.