

1. What is the simplified form of each expression?

a. 3^4

b. $\left(\frac{3}{4}\right)^2$

2. What is the simplified form of each expression?

a. $24 - 2(9 - 7)^3$

b. $2[3^2 - (10 + 2) \div 4]$

3. What is the value of $3a - (b^2 - c)^2$ for $a = 10$, $b = 4$, and $c = 12$?

4. **Do you understand?** Tamera spent $\frac{1}{4}$ of her school budget on notebooks. If she had a budget of \$60.00, how much will she have left to spend?