

PLEASE SHOW ANY NECESSARY WORK.

1. To simplify the expression $-12 \div 4 \times 2$, we first have to: _____

- A) Add B) Subtract C) Multiply D) Divide

2. To simplify the expression $-3 \div (5 - 2 \times 3)$, we first have to: _____

- A) Add B) Subtract C) Multiply D) Divide

3. To simplify the expression $2 + 3(4 - 14)^3$, we first have to: _____

- A) Add B) Subtract C) Multiply D) Divide

4. Evaluate: $-16 + 35 \div 7$ _____

5. Evaluate: $-4 \cdot (-9 + 18)$ _____

6. Evaluate: $(8 - 14)(-18 + 7)$ _____

Name _____

Math 7: Order of Operations

7. Evaluate: $(-40) \div (-5) - 12$ _____

8. Evaluate: $-8 \cdot (-8) + ((-28) \div 7)$ _____

9. Evaluate: $5 - 3 \cdot (-3)^2$ _____

10. Evaluate: $3 - (9 - 6)^2$ _____

11. Evaluate: $(4 - 7)(-14 + 8)^2$ _____

- 12.** David buys 3 shirts at \$19.90 each. For also buying a pair of jeans for \$20.50, he receives a \$4.20 discount. *Write and solve* a numerical expression for how much he spends.

- 13.** Conversion of temperature from Celsius to Fahrenheit is defined by the formula

$$F = 32 + \frac{9C}{5}$$

If the temperature is $-35^{\circ}C$, find the equivalent temperature in Fahrenheit.

- 14.** Conversion of temperature from Fahrenheit to Celsius is defined by the formula

$$C = \frac{5}{9}(F - 32)$$

If the temperature is $59^{\circ}F$, find the equivalent temperature in Celsius.