1. What is the area of the trapezoid shown below if \( b_1 = 14 \), \( b_2 = 10 \), and \( h = 4 \)?

\[
\text{Area} = \frac{1}{2} h(b_1 + b_2)
\]

2. What is the value of \( 10y + 2\left|3x + 2\right| \) if \( x = -2 \) and \( y = 3 \)?

3. What is the value of \( x^2 + yz \) if \( x = 4 \), \( y = -3 \), and \( z = 2 \)?
   A. 2
   B. 10
   C. 22
   D. 26

4. What is the value of \( x^2 + 3x + 2 \) if \( x = 15 \)?
   A. 62
   B. 77
   C. 272
   D. 276

5. The outside temperature is 10 degrees Celsius. Using the formula \( F = 1.8C + 32 \), what is that temperature in degrees Fahrenheit?
   A. 17.8 degrees Fahrenheit
   B. 33.8 degrees Fahrenheit
   C. 50.0 degrees Fahrenheit
   D. 57.6 degrees Fahrenheit