ALGEBRA TASK I: EXPRESSIONS

1. Evaluate the expression $\frac{x + 2x + 3x + 4x + 5x}{x}$ for each x value given.

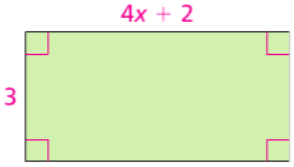
a. 1 **b.** 2 **c.** 3 **d.** -3

e. -11 **f.** $\frac{1}{2}$ **g.** 197

h. Use the Distributive Property to simplify the expression.

2. The lengths and widths of four rectangles are given below. For each rectangle, find an expression for the area and an expression for the perimeter.

a. length: $4x + 2$ width: 3



b. length: 7 width: $x - 4$

c. length: $6x - 8$ width: $\frac{1}{2}$

d. length: $10 - 2x$ width: 9