There is a particular value of **x**, and a value of **y** to go with it, which make all five expressions equal in value.

Can you find that **x, y** pair?

$$2x + 3y - 20$$

$$5x - 2y + 38$$

$$4x + 5y - 72$$

$$x - 4y + 108$$

$$3x - y + 39$$

Did you have more information than you needed to solve the problem?