

You may have mixed up the  $x$ -value and  $y$ -value when substituting them into the equation.

$$4(-5) - 2(-2) = 2 \text{ or } -20 + 4 = 2 \text{ or } -16 = 2$$

This is not a true statement, so the ordered pair  $(-2, -5)$  is not a solution to the equation.