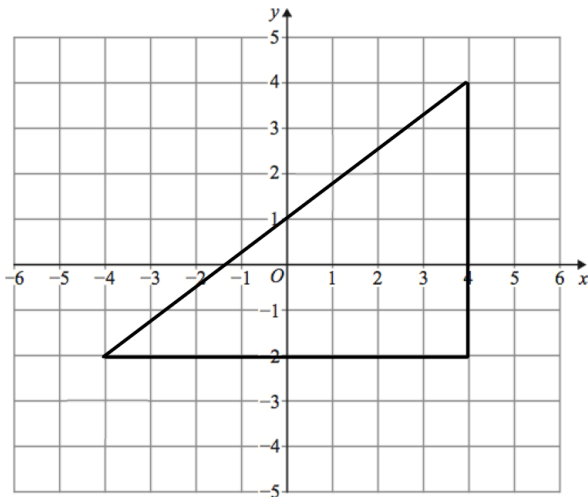




Expand and simplify

$$(2x + 11)^2 - (x - 7)^2$$



Enlarge the triangle by scale factor $\frac{1}{2}$
using centre of enlargement (2, 0)

How many times smaller is the area of
the new triangle than the original
triangle?

$$(x + 4)^2 \equiv x^2 + 8x + 16$$

$$(x + 4)^2$$

$$(x + 4)^2 < 10$$

$$(x + 4)^2 = x - 3$$

Circle the inequality

The price of a car is increased by
20%.
The company sells 18% less cars.

Does the company take more or less
money? By what percentage?