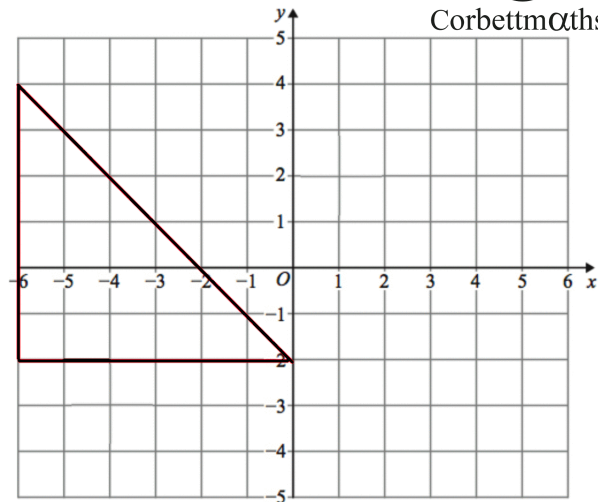




Enlarge the triangle with scale factor $-\frac{1}{3}$ using centre of enlargement (3, 1)



$$f(x) = \frac{6x - 3}{4}$$

Find $f(-5)$

Simplify

$$\frac{x^4}{3yz} \div \frac{2x^3}{6z}$$

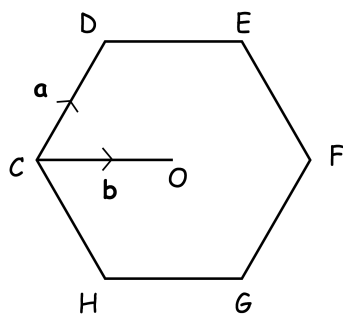
Mia is creating an 6 digit password.

The first two digits are a multiple of 35.

The second two digits are an odd number between 10 and 90.

The second last digit is one more than the last digit.

How many possible different possible codes could Mia create?



Shown is a regular hexagon.

Write down the vector \vec{CE}