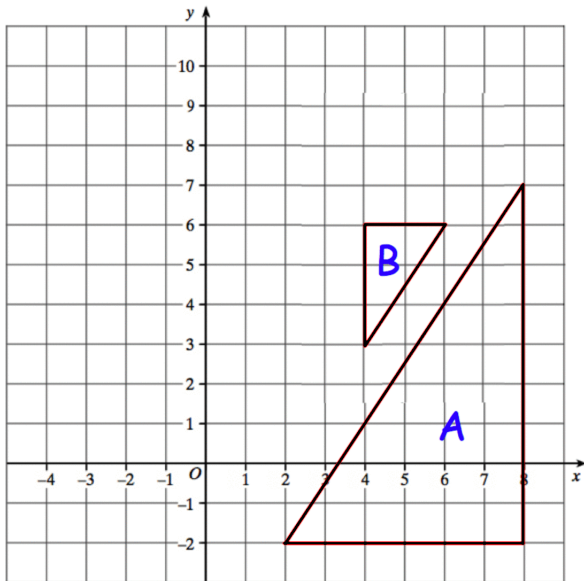




Without using a calculator, state if the answer is positive or negative

$$\frac{\sqrt[3]{500} - 60^2}{0.7 - 2}$$



Describe fully the single transformation that maps shape A onto shape B.

Factorise

$$2x^2 + 3x - 2$$

A biased dice is rolled 3 times.  
The probability of a six is 0.8.

What is the probability of 3 sixes?

What is the probability of at least 1 six?