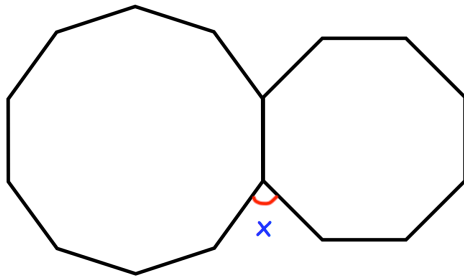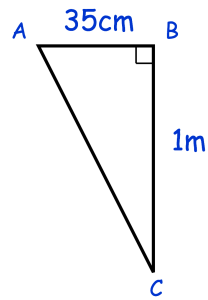Work out the length of AC.
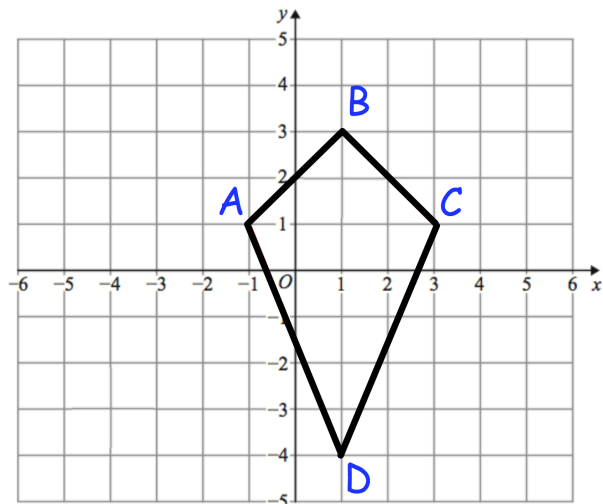
A   35cm   B

1m

C

Shown is a regular decagon and a regular octagon.

Find x

Solve $5x^2 + 1 = 21$

Write down the coordinates of the midpoint of AD.

Enlarge kite ABCD using scale factor $\dfrac{1}{2}$ and centre of enlargement $(-5, -5)$