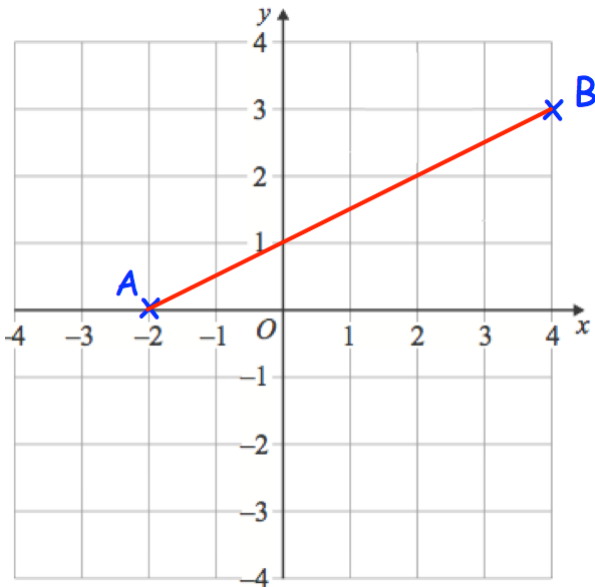


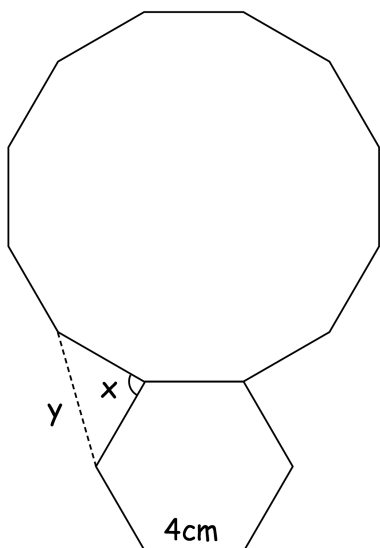
Find the area of the trapezium



Find the gradient of the line AB

Find the midpoint of the line AB

Shown is a regular hexagon and a regular dodecagon. Both polygons have a side length of 4cm.



Find the size of angle  $x$ .

Find the length of the line  $y$ , joining the vertices of the hexagon and dodecagon.