



AB is a straight line

The coordinates of A are $(-1, -7)$

The midpoint of AB is $(8.2, -1.5)$

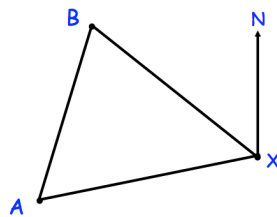
Work out the coordinates of B

The curve A with equation $y = f(x)$ is transformed to curve B with equation $y = -f(x + 2)$

The point on A with coordinates $(2, 1)$ is mapped to the point P on B

Find the coordinates of P

Write down the exact value of $\sin 60^\circ$



Ship A is 60km from X on a bearing of 260°

Ship B is 50km from X on a bearing of 310°

Calculate the distance between A and B.

Calculate the bearing of A from B.