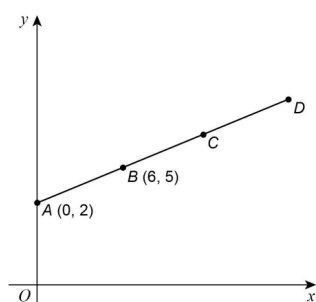


## Q1. (2018)

7  $A(0, 2)$  and  $B(6, 5)$  are points on the straight line  $ABCD$ .



Not drawn  
accurately

$$AB = BC = CD$$

Work out the coordinates of  $D$ .

[3 marks]

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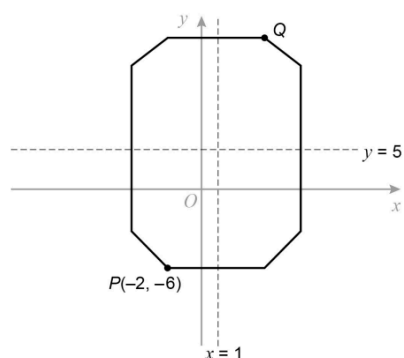
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Answer ( \_\_\_\_\_ , \_\_\_\_\_ )

## Q2. (2021)

9 The diagram shows an octagon.



Not drawn  
accurately

$x = 1$  and  $y = 5$  are lines of symmetry.

Work out the coordinates of point  $Q$ .

[2 marks]

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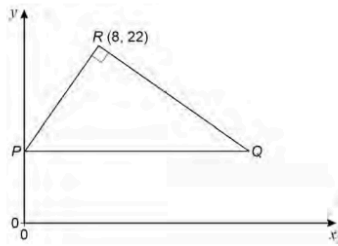
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Answer ( \_\_\_\_\_ , \_\_\_\_\_ )

## Q3. (2023)

24 Points  $P$ ,  $Q$  and  $R(8, 22)$  form a triangle.



Not drawn  
accurately

$PQ$  is a horizontal line, with  $P$  on the  $y$ -axis.

Angle  $PRQ$  is a right angle.

The gradient of  $PR$  is 2

Work out the coordinates of  $Q$ .

[5 marks]

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Answer ( \_\_\_\_\_ , \_\_\_\_\_ )