



# Mid-Point of a Line Segment

## Worksheet 1

Answer each of the following without using a calculator and using the boxes provided for your answers.

Show all of your working.

*Click on the link in the Header of this page, or scan the QR Code, to view the online notes and tutorial(s) for this worksheet.*

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### Exercise 1

Find the coordinates of the mid-point of the line segment  $PQ$  with end-points:

$$P(-2, -3) \text{ and } Q(4, 7)$$

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### Exercise 2

Find the coordinates of the mid-point of the line segment  $AB$  with end-points:

$$A(-5, 8) \text{ and } B(3, -4)$$

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### Exercise 3

Find the coordinates of the mid-point of the line segment  $ST$  with end-points:

$$S(0, 0) \text{ and } T(4, 6)$$



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**Exercise 4**

Find the coordinates of the mid-point of the line segment  $AB$  with end-points:  
 $A(-1, -4)$  and  $B(4,2)$

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**Exercise 5**

Find the coordinates of the mid-point of the line segment  $PQ$  with end-points:  
 $P(2,1)$  and  $Q(9,6)$

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**Exercise 6**

Find the coordinates of the mid-point of the line segment  $AB$  with end-points:  
 $A(-5,8)$  and  $B(4, -5)$