



Mid-Point of a Line Segment

Worksheet 2

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.

Exercise 1

A line segment AB has an end-point $A(-2, -3)$ and its mid-point has coordinates $M(1,5)$.

Find the coordinates of this segment's other end-point B .

Exercise 2

A line segment PQ has an end-point $P(3,5)$ and its mid-point has coordinates $M(-1,2)$.

Find the coordinates of this segment's other end-point Q .



Exercise 3

A line segment ST has an end-point $S(-2, -4)$ and its mid-point has coordinates $M(2, -3)$. Find the coordinates of this segment's other end-point T .

Exercise 4

A line segment PQ has an end-point $P(-3, 4)$ and its mid-point has coordinates $M(2, -1)$. Find the coordinates of this segment's other end-point Q .

Exercise 5

A line segment AB has an end-point $A(1, -3)$ and its mid-point has coordinates $M(5, 2)$. Find the coordinates of this segment's other end-point B .