15. Midpoint / Distance

Exercises

September 19, 2016

Exercises

1. If we have the two points $A = (0, 0)$ and $B = (6, 8)$

   (a) Plot the points A and B on graph paper
   (b) Find the coordinates of the midpoint using your ruler in cm.

2. If we have the two points $A = (3, 1)$ and $B = (7, 11)$

   (a) Plot the points A and B on graph paper
   (b) Find the coordinates of the midpoint using your ruler in cm.

3. If we have the two points $A = (2, 4)$ and $B = (5, 8)$

   (a) Plot the points A and B on graph paper
   (b) Find the coordinates of the midpoint using your ruler in cm.
   (c) Find the distance between the points using your ruler in cm.

4. If we have the two points $A = (15, 3)$ and $B = (3, 8)$

   (a) Plot the points A and B on graph paper
   (b) Find the coordinates of the midpoint using your ruler in cm.
   (c) Find the distance between the points using your ruler in cm.

5. If we have the two points $A = (2, 1)$ and $B = (7, 13)$

   (a) Plot the points A and B on graph paper
   (b) Find the coordinates of the midpoint using your ruler in cm.
   (c) Find the distance between the points using your ruler in cm.

15. Midpoint / Length Answers

1. (a) Plot the points
   (b) Midpoint (3, 4)

2. (a) Plot the points
   (b) Midpoint (5, 6)

3. (a) Make the graph
   (b) Midpoint (3.5, 6)
   (c) 5

4. (a) Make the graph
   (b) Midpoint (9, 5.5)
   (c) 13

5. (a) Make the graph
   (b) Midpoint (4.5, 7)
   (c) 13