



To be completed on loose-leaf paper.  
Show FULL working out.



**Aims:**

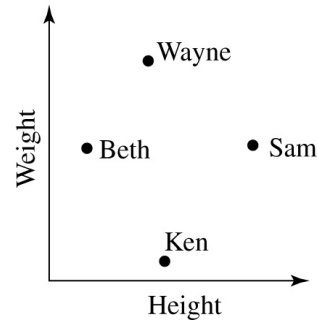
- To provide ongoing revision of skills and concepts
- To develop procedural knowledge and fluency.

**Need help? →**

**1**

Use the graph to answer the following questions.

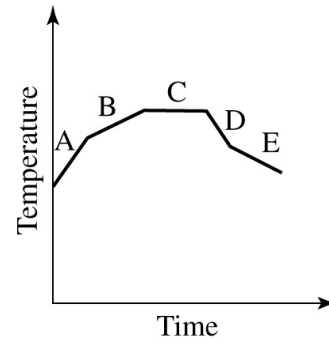
- Who is the shortest?
- Who is the tallest?
- Is the heaviest person the tallest?
- Who is the lightest?



**2**

Use the graph to answer the following questions.

- In which section did the temperature stay the same?
- In which sections did the temperature increase?
- In which sections did the temperature decrease?



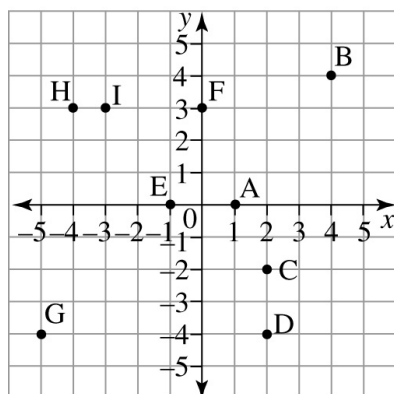
**3**

Draw up a Cartesian plane and place the following points on it.

- A (0, -2)
- B (2, 2)
- C (3, 0)
- D (1, -5)
- E (-2, -4)

**4**

Write down the coordinates of the points A to I shown on the Cartesian plane below.



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5 Plot the following points on a Cartesian plane.

$x$	-2	-1	0	1	2
$y$	-3	0	3	6	9

Do the points form a linear graph?

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6 Plot the following points on a Cartesian plane.

$x$	-2	-1	0	1	2
$y$	-5	-3	-1	1	3

Do the points form a linear graph?

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7 Write the next point in the linear pattern made by:

- (a)  $(-2, -1)$   $(-1, -2)$   $(0, 0)$   $(1, 2)$   $(2, 4)$
  - (b)  $(-2, 4)$   $(-1, 2)$   $(0, 0)$   $(1, -2)$   $(2, -4)$
  - (c)  $(-2, -5)$   $(-1, 0)$   $(0, 5)$   $(1, 10)$   $(2, 15)$
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**ANSWERS:** You must show the mathematics used to get these answers. Simply writing the answer is not enough.  
No answers given.