Connection to coordinates

6 questions | 9 marks

Equivalent correct methods earn the corresponding marks.

1. Describe $(3,-4)$ from the origin. [1 mark]

Read horizontal, then vertical.

Answer: 3 right and 4 down.

2. Write coordinates for 2 left and 5 down. [2 marks]

Both directions are negative.

Answer: $(-2,-5)$.

3. Which axis contains $(0,6)$? [1 mark]

Its horizontal coordinate is zero.

Answer: The vertical y-axis.

4. Is $(-7,0)$ above or below the horizontal axis? [2 marks]

Its vertical coordinate is zero.

Answer: Neither; it is on the horizontal x-axis.

5. Which is further left: $(-4,1)$ or $(-1,-3)$? [1 mark]

Compare horizontal coordinates -4 and -1.

Answer: $(-4,1)$.

6. Leo writes $(2,-3)$ for 3 left and 2 up. Correct it. [2 marks]

Horizontal is -3 and vertical is $+2$.

Answer: $(-3,2)$.