

Linear Graphs

This problem gives you the chance to:

- Show knowledge and understanding of linear graphs

Here are the equations of some linear graphs.

$$y = 3$$

$$y = 2x + 6$$

$$2y + x = 0$$

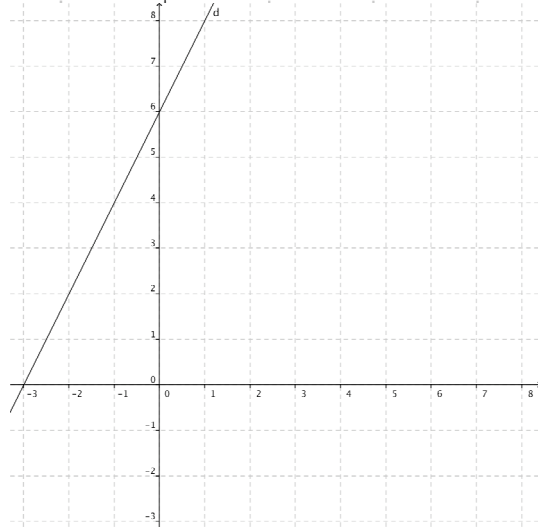
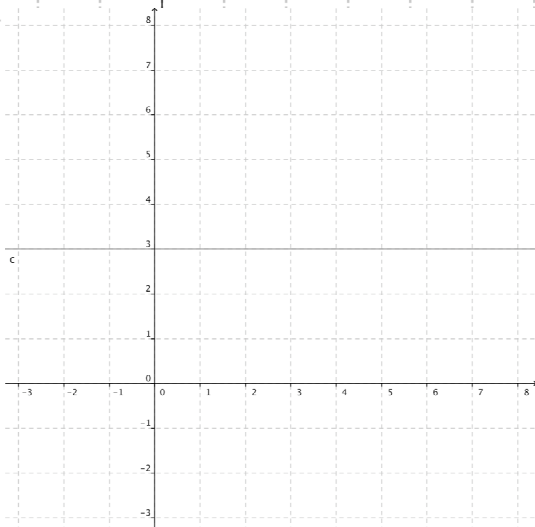
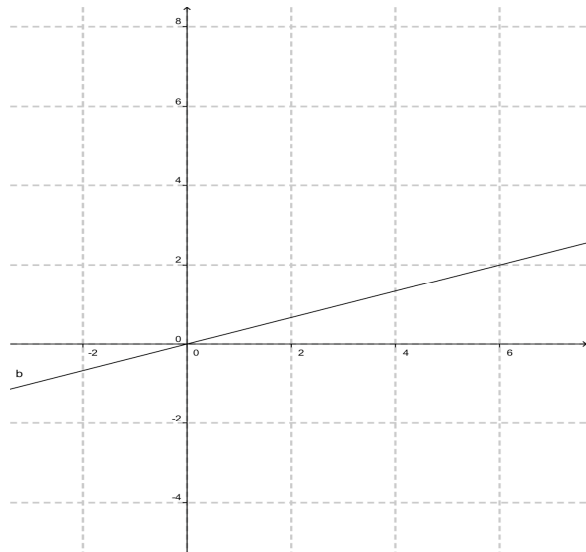
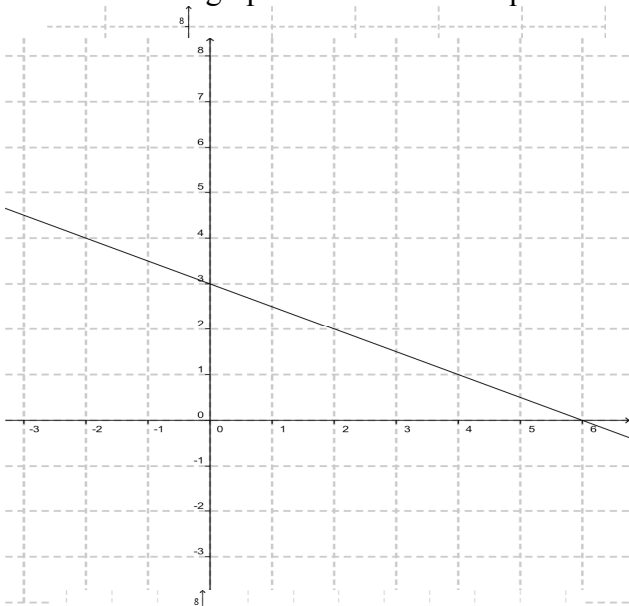
$$y = \frac{1}{3}x$$

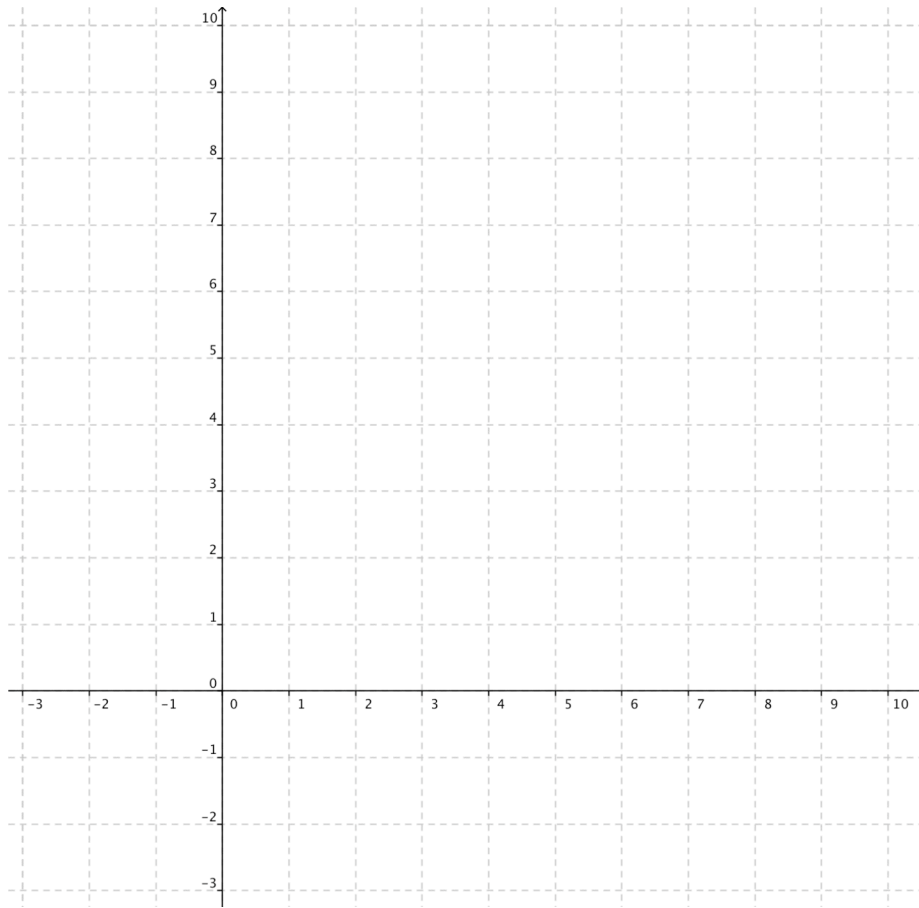
$$2y - x = 6$$

1. Four of the graphs are drawn below.

a. Write the correct equation on each graph.

b. Draw the graph of the left-over equation on the diagram opposite.





2. a.. Which equation could represent the speed of someone walking steadily?

b. Which equation could represent the conversion between two different currencies?
