

Objective: TBAT plot linear graphs



Met

Partially
Met

Not Met

Work on the
following sections:

Column 1

Column 2

Extension

Column 1

Draw a grid from -10 to 10 on both the x-axis and the y-axis. Plot the following equations:

- a) $y = 4x$
- b) $y = 2x + 1$
- c) $y = 7 - x$
- d) $y = 3x - 2$

Column 2

Draw a grid from -10 to 10 on both the x-axis and the y-axis. Plot the following equations:

- a) $x + y = 7$
- b) $y + 2x = 5$
- c) $2y - x = 10$
- d) $2x + 3y = 12$

Extension:

- a) Complete the table for the graph $y = \frac{4}{x}$

x	1	2	3	4	5	6
y						

- b) Why can you not find the value of y when $x = 0$?
- c) Using a grid with axes numbered 0 to 6, draw the graph of $y = \frac{4}{x}$