

Plotting linear graphs (2)

- 1) Fill in the table of values for each of the functions.
- 2) Plot all four graphs on one grid. Remember to extend and label the lines.
- 3) *What have you noticed about those graphs?*

$$y = -x + 1$$

| | | | | | | | |
|---|----|----|----|---|---|---|---|
| X | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| Y | | | | | | | |

$$y = -x + 3$$

| | | | | | | | |
|---|----|----|----|---|---|---|---|
| X | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| Y | | | | | | | |

$$y = -x - 1$$

| | | | | | | | |
|---|----|----|----|---|---|---|---|
| X | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| Y | | | | | | | |

$$y = -x - 3$$

| | | | | | | | |
|---|----|----|----|---|---|---|---|
| X | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| Y | | | | | | | |

