

Drawing Graphs

1) Draw axes labelled from -10 to 10.

(a) Copy and complete this table for the equation $y = 2x + 1$. Then plot the points and draw and label the line.

x	-4	-2	0	2	4
y					

(b) Draw and label the line $x=3$

(c) Draw and label the line $y = -5$

(d) Shade the area enclosed by these three lines

2) Draw axes labelled from -10 to 10

(a) Copy and complete a table like the one above for the equation $y = 6 - x$. Then plot the points and draw and label the line.

(b) Repeat for the equation $y = x - 4$

(c) Draw and label the lines $x = -4$ and $y = 7$

(d) Shade the area enclosed by these 4 lines

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