



KEC

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GCSE Maths - Foundation

Straight line graphs

Assignment Questions

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Straight Line Graphs

Q: Find the mid points of following :

- a) A (1,8) B(9,2)
- b) A (0,6) B (8 , 4)

Q: Draw the graphs for following :

- a) $Y = x + 4$
- b) $2Y = 2X + 2$
- c) $Y + X = 4$
- d) $X = 8$
- e) $Y = 5$

Q : Find the values for m and c if straight line graph $y = mx + c$ has a gradient of 4 and pass through (0,8)

Q: From the following circle the lines which are parallel

$$Y = 3x + 4 , y = 2x + 2 , y = 3x - 8$$

Q: Find the equation of a straight line which passes through (3 , 8) and has a gradient of 4

Q: Find the equation of a line which is parallel to $y = 8x - 4$ and passes through (3 , 12)

Q: Solve the following simultaneous equations graphically :

$$Y = 2x + 1$$

$$Y = 6 + x$$