K Education Centre

GCSE Maths - Foundation

Straight Line Graphs

Assignment Questions

Q1 : Find the midpoints of line joining

a) (2 , 8) and (4 , 10)

b) (-4 , 2) and (5 , 8)

Q2: Find the gradient of the line joining (2,5) and (6 , 10).

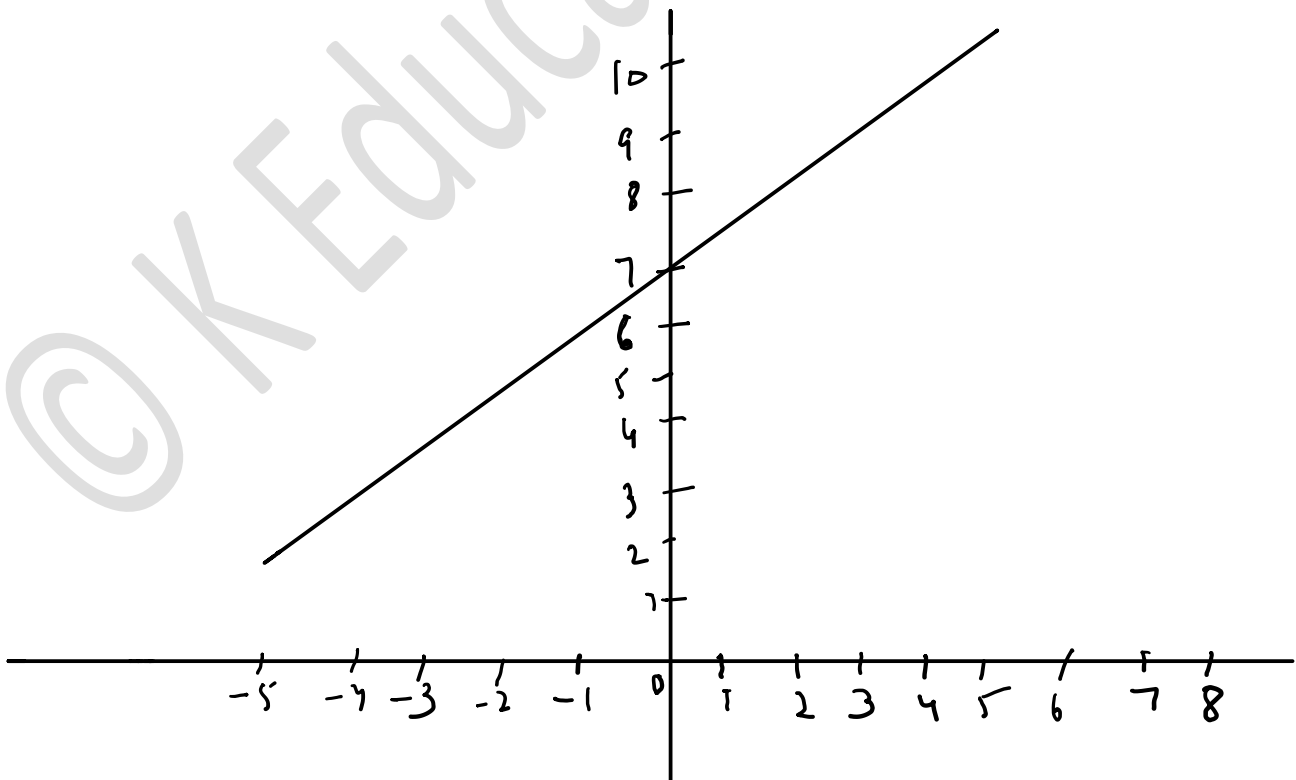Q3: Draw the graphs for following:

a) $y = 2x + 2$

b) $x - y = 4$

c) $y = x + 3$

Q4: Find the equation of line passing through the points (1 ,4) and (4 , 6)
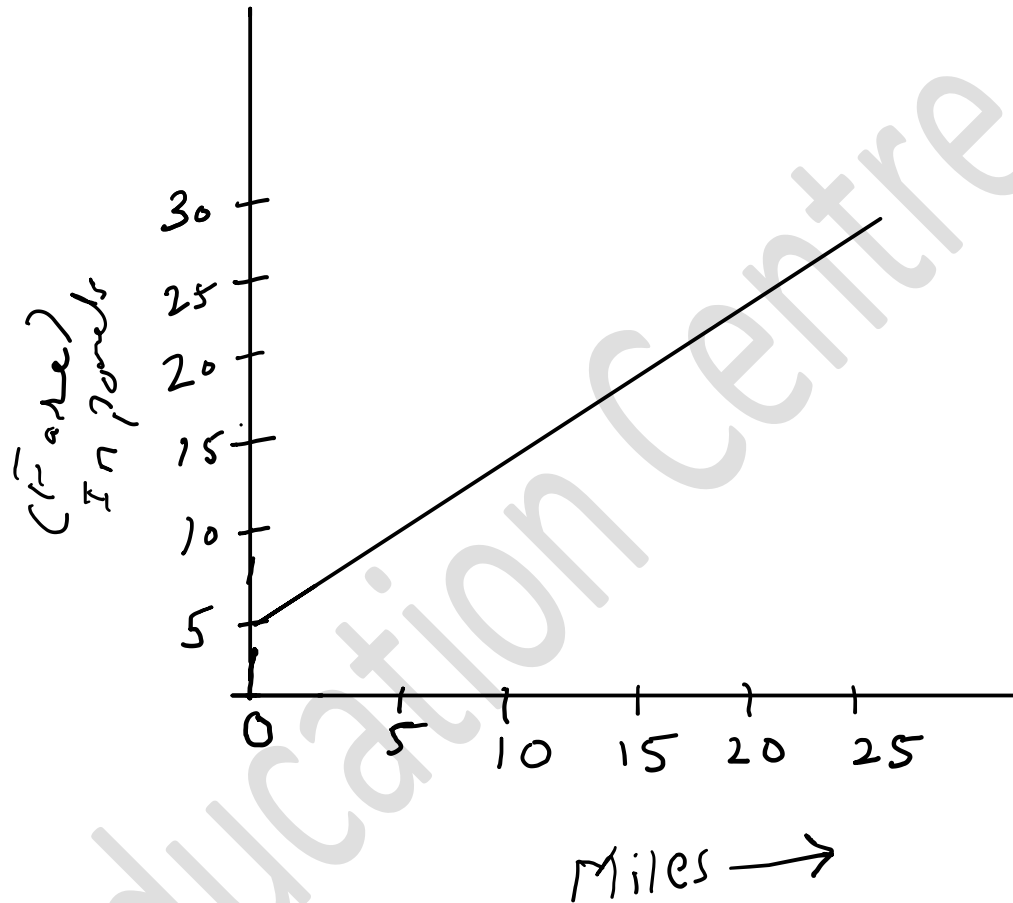
Q5: Find the equation of line with gradient 3 and passing through (3 , 5)

Q6 :   Work out the gradient and equation of following line

Q7 : Work out the equation of line parallel to $y = 2x + 2$ and passing through (5 , 4)

Q8 : Following is the graph given between taxi fare and miles travel.

a) what are the charges for travelling 10 miles.

b) What is the general equation to describe relationship between miles travelled and fare charges.

c) How much fare will be charged for travelling 55 miles.