

# *The City School*

North Nazimabad Boys Campus

Blog worksheet

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**Class: 8**

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Q1. Find the gradient and y-intercept of the lines with the equations

a)  $y = 3x + 7$

b)  $y = 5x - 4$

c)  $y = 13x + 5$

d)  $y = -2x + 1$

e)  $y = -x - 3$

f)  $y = 9 - 4x$

g)  $y - 8x = 1$

h)  $y + 3x = 5$

i)  $6x - y = 3$

j)  $2y + 8x = 4$

k)  $3y - 9x = 15$

l)  $2x + 5y = 20$

m)  $4x - 3y = 12$

n)  $4x + y - 6 = 0$

o)  $5x - 7y - 2 = 0$

Q2. Find the following from the given graphs:

- i) Gradient
- ii) Y-intercept
- iii) Equation of the straight Line