2 Find the gradient of each interval.
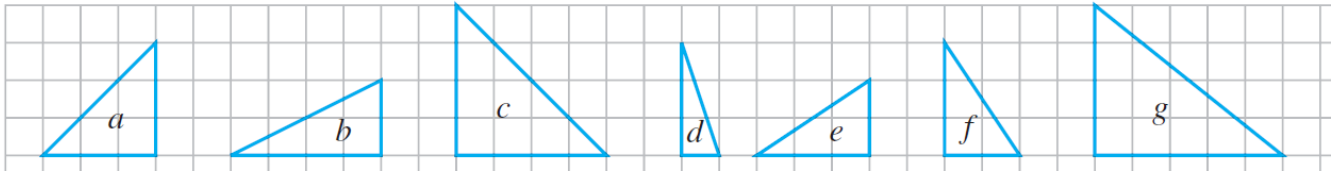
QUESTION **2** Find the gradient of each line.

a

_____

b

_____

c

_____

d

_____

e

_____

f

_____

g

_____

h

_____

i

_____
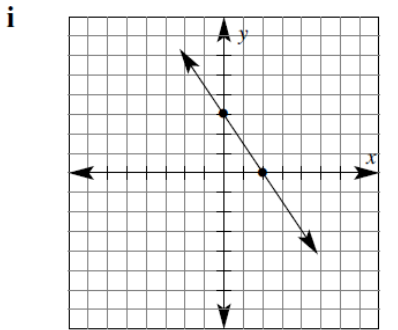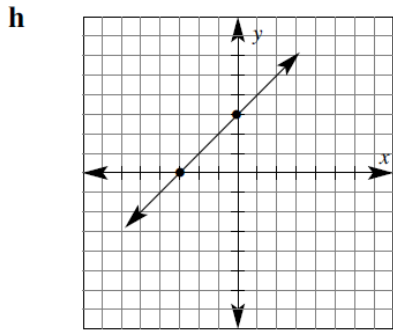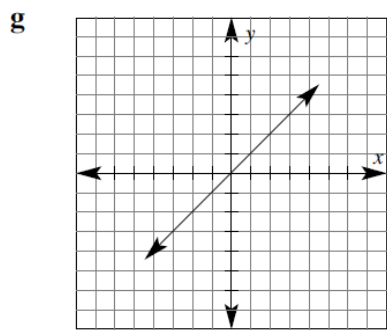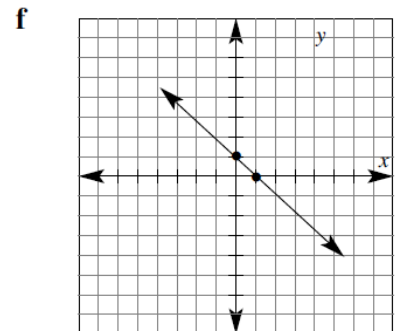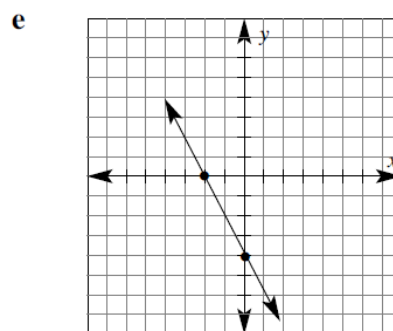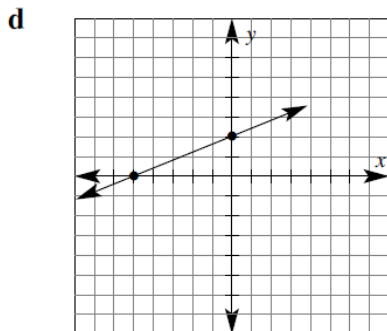
QUESTION 2   Find the gradient of the given lines.

a

$m =$ _____

b

$m =$ _____

c
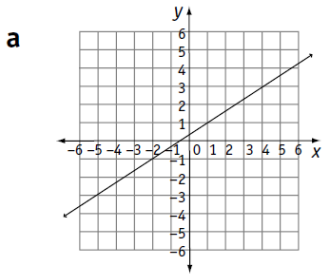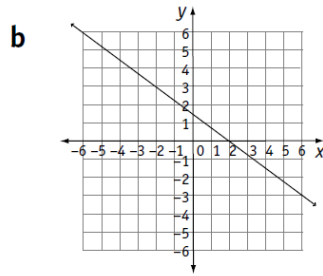
$m =$ _____

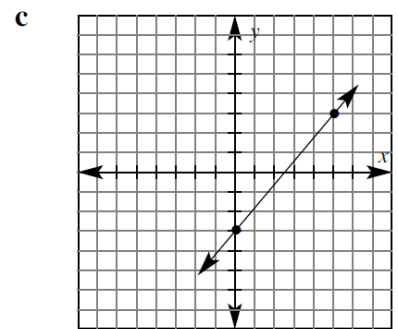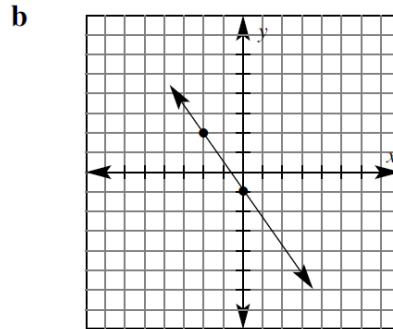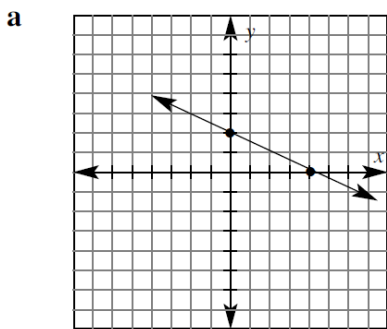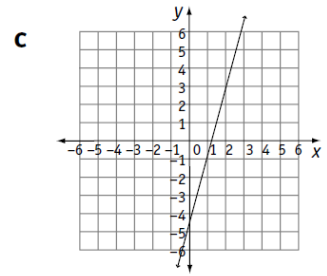## QUESTION 1   Find the gradient of the line joining:

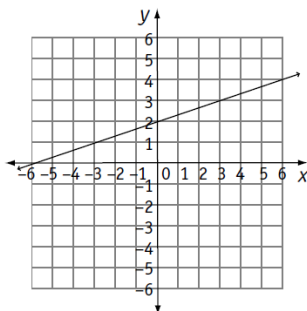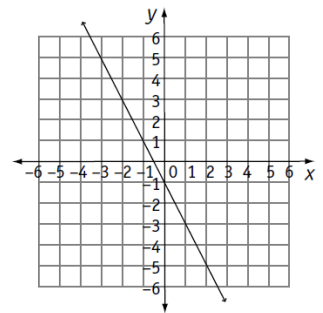a   (1, 2) and (3, 5)   b   (4, −1) and (5, −3)   c   (−8, −3) and (1, −6)

QUESTION 3   Determine the gradient and y-intercept from the diagram and hence write down the equation of the given line.
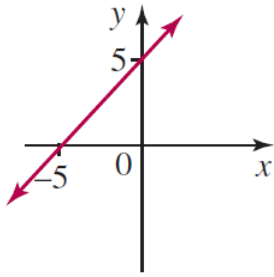
a

gradient = _____

y-intercept = _____

equation: _____

b

gradient = _____

y-intercept = _____

equation: _____
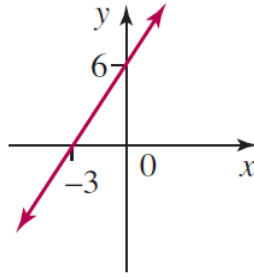
9 Find the gradient and y-intercept of each line, and hence write down its equation.
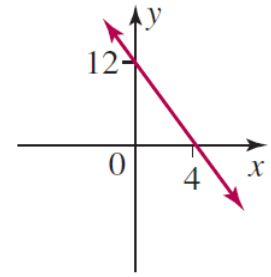
a

b

c

Question 7: Points $(1,3)$ and $(a,4)$ belong to a line of gradient 5. Find a.

QUESTION **1**   Andrew receives a fixed amount of pocket money each week. In addition, if Andrew chooses to help his mother, she gives him an extra amount per hour for the time worked. The graph shows the amount of money Andrew might receive in pocket money each week.

a   What is the intercept on the vertical axis?

_____

_____

b   What does the intercept on the vertical axis represent?

_____

_____

c   What is the gradient of this line? _____

_____

_____

d   What does the gradient represent? _____

_____