LINEAR

<\_\_\_question>

Type=1

<\_block>

Two lines are perpendicular. If the gradient of one line is -3, what is the gradient of the other line ?

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[B]

<\_\_\_question>

Type=1

<\_block>

Which of these lines is perpendicular to *y = 3 – 2x* ?

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[C]

<\_\_\_question>

Type=1

<\_block>

If *P(-3, -1) and Q(0, -6),* what is the exact length of *PQ* ?

<\_block>

[A] units

<\_block>

[B] units

<\_block>

[C] units

<\_block>

[D] units

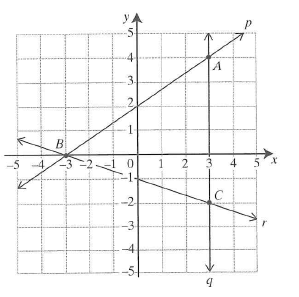
<\_block>

[C]

<\_\_\_question>

Type=1

<\_block>

Which of these is the equation of the line of q ? 

<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[A]

<\_\_\_question>

Type=1

<\_block>

M(1, 4) is the midpoint of AB, where A(5, 2). What are the co-ordinates of B ?

<\_block>

[A] (-4, 0)

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

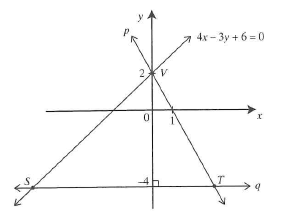
[D]

<\_\_\_question>

Type=1

<\_block>

Which of these is the area of triangle STV ?



<\_block>

[A] units²

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[A]

<\_\_\_question>

Type=1

<\_block>

Which of these lines has a gradient of 2 and a y-intercept of 3 ?

<\_block>

[A] *y = 3x + 2*

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

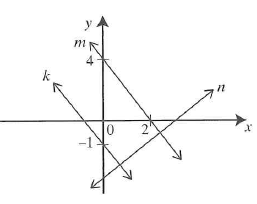
[D]

<\_\_\_question>

Type=1

<\_block>

What is the equation of line *m* ?



<\_block>

[A]

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[A]

<\_\_\_question>

Type=1

<\_block>

What is the equation of the line passing through the origin with a gradient of -5 ?

<\_block>

[A] *y =*

<\_block>

[B]

<\_block>

[C]

<\_block>

[D]

<\_block>

[A]

<\_\_\_question>

Type=1

<\_block>

Which of these is the gradient of the line parallel to

*ax + by + c =* *0 ?*

<\_block>

[A]

<\_block>

[B] -

<\_block>

[C]

<\_block>

[D]

<\_block>

[B]