Question 1

Not yet answered

Marked out of 1.00

An equation for a line perpendicular to p(t) = 3t + 4 and passing through the point (3, 1) is:

Select one:

- a. y = (1/3)x + 1
- b. y = (-1/3)x + 1
- c. y = (1/3)x + 2
- d. y = (-1/3)x + 2
- e. None of these

Clear my choice

Question 2

Not yet answered

Marked out of 1.00

What the equation of the line passing through (1, 4) and parallel to y = 2x + 1?

Select one:

- a. y = 2x + 2
- b. y = 2x + 1
- c. y = 2x
- d. No such line exists.
- e. None of these.

Clear my choice

Question 3

Not yet answered

Marked out of 1.00

Find the value of x if a linear function goes through the following points and has the following slope: (x, 2), (−4, 6), m = 3.

Select one:

- a. 3/16
- b. -3/16
- c. -16/3
- d. 16/3
- e. None of these

Clear my choice

Question 4

Not yet answered

Marked out of 1.00

What is the equation of a line through (-1, 4) and (-2, 7)?

Select one:

- a. $y = 3x + 1$
- b. $y = -3x + 1$
- c. $y = -3x + 7$
- d. $y = 3x + 7$
- e. None of these

Clear my choice

Question 5

Not yet answered

Marked out of 1.00

What is the vertex of $f(x) = 3(x - 2)^2 + 2$?

Select one:

- a. (–2, –2)
- b. (–1, –1)
- c. (1, 1)
- d. (2, 2)
- e. None of these

Clear my choice