

9 Parametric and vector functions – Part 1 —Answers

Answers

Work through these after you have tried the questions yourself.

2.1 both coordinates (x and y) of a point, each given in terms of a parameter (usually time t).

2.2 $(3, 9)$ (since $x = t = 3$ and $y = t^2 = 9$).

2.3 at $t = 0$: $(0, 1)$; at $t = 2$: $(4, 3)$.

2.4 a magnitude (size) and a direction.

2.5 they both describe the position of a moving point at each value of t .