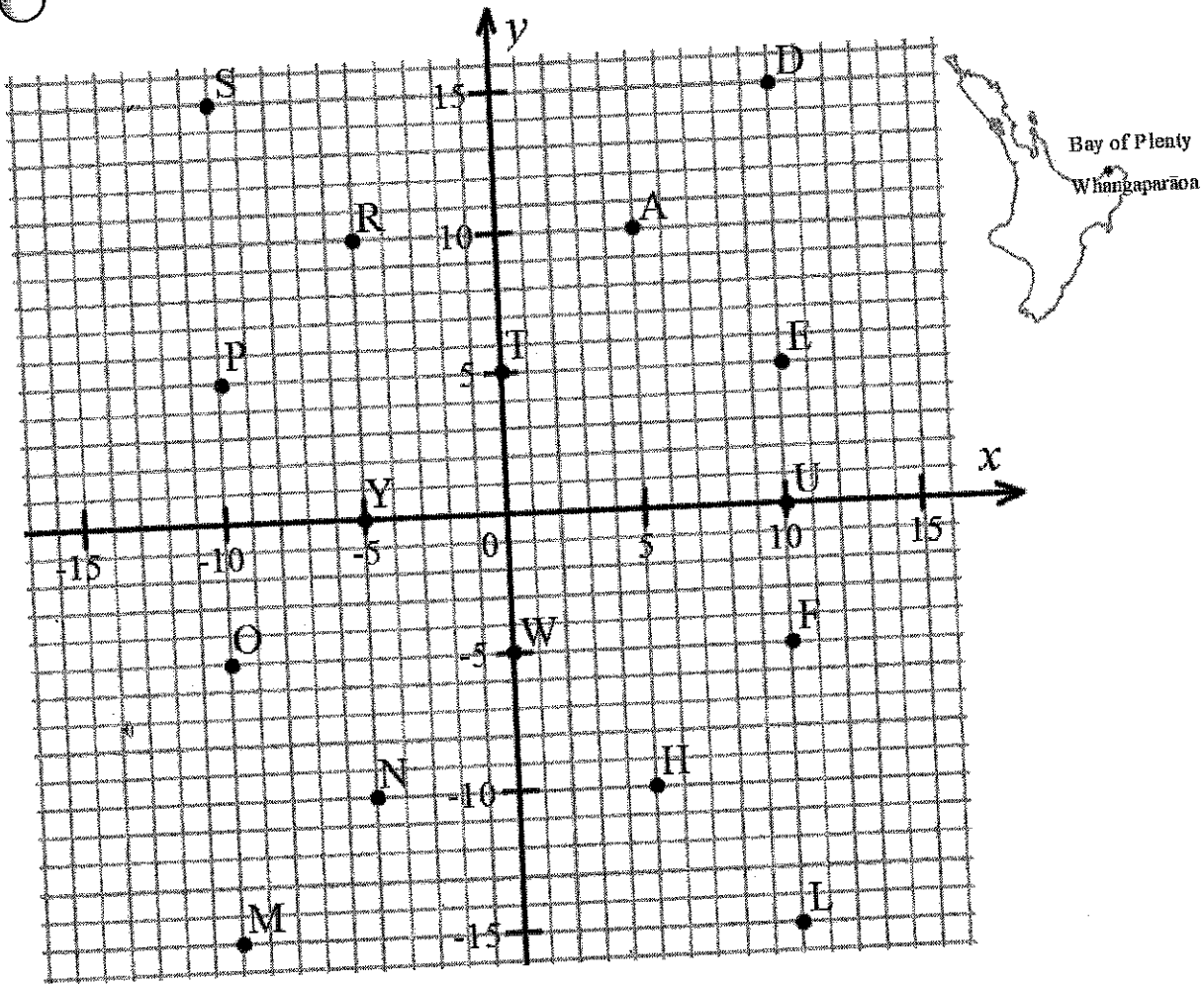


9.6 The Cartesian Plane (Integers)

Why the Place is Called Whangaparāoa?

After the legendary Hawaikian explorer Kupe discovered Aotearoa, many *waka*¹ left Hawaiki with *whānau*² wanting to settle in Aotearoa. When Te Arawa left Hawaiki, a smaller *waka*, Te Tainui, followed her straight away. Te Tainui reached Aotearoa at the eastern end of Waiariki³. She landed in a small bay west of Cape Runaway called Whangaparāoa.

To find out why this place is called Whangaparāoa, determine the co-ordinates of the points on the Cartesian plane below. The letter beside each point and its co-ordinates will give the puzzle code.



(0, 5)	(5, -10)	(10, 5)	(-5, 0)	(5, 5)	(10, -5)	(-10, -5)	(10, 0)	(-5, -10)	(10, 15)	
(5, 10)	(5, 5)	(-10, 15)	(0, 5)	(-5, 10)	(5, 10)	(-5, -10)	(10, 15)	(10, 5)	(10, 15)	
(-10, 5)	(5, 10)	(-5, 10)	(5, 10)	(-10, -5)	(5, 10)	(1, 1)	(5, 10)	(1, 1)		
(-10, 15)	(-10, 5)	(10, 5)	(-5, 10)	(-10, -15)	(2, 2)	(0, -5)	(5, -10)	(5, 10)	(10, -15)	(10, 5)

¹Waka (canoe); ²Whānau (family); ³Waiariki (the Bay of Plenty);