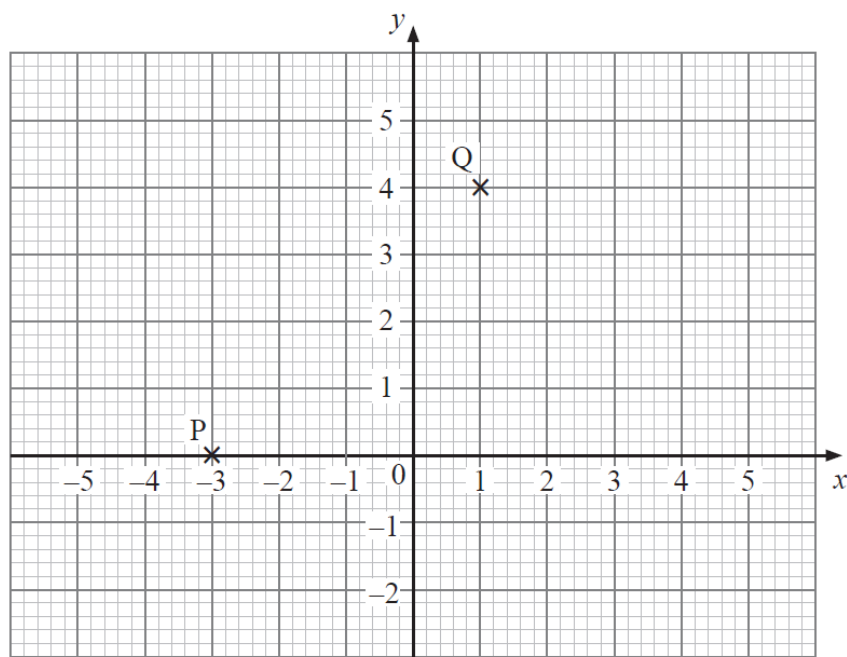


**m2 = 23 days to go!**

3



What are the co-ordinates of the midpoint of PQ?

Answer ( \_\_\_\_\_ , \_\_\_\_\_ ) [2]

**13** Male and female care assistants work in a nursing home.

Some can work weekdays only, some can work weekends only and some can work both.

(a) Complete the two-way table below.

	Weekdays only	Weekends only	Both	Total
Male	1			8
Female		3		
Total	3		10	21

[2]

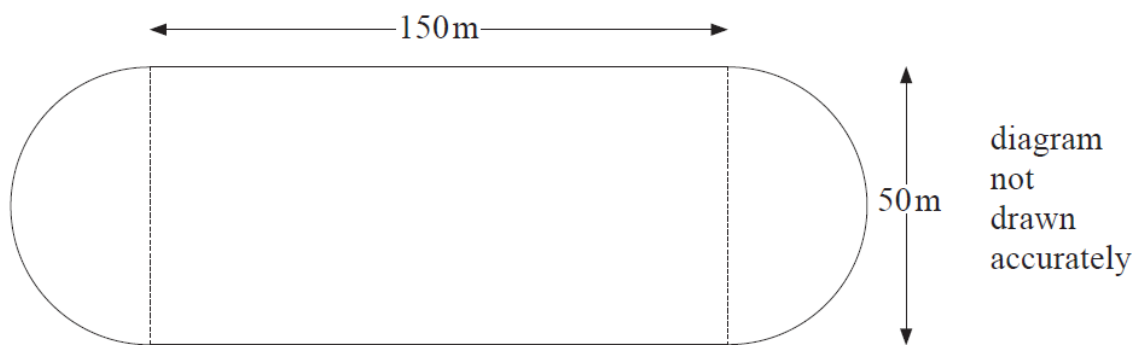
(b) How many male care assistants can work on weekends?

Answer \_\_\_\_\_ [1]

**24** Sue is training to compete in a 10 km walk.

A diagram of her local athletics track is shown below.

The track consists of a rectangle and two semicircles.



How many complete laps are needed to ensure she walks 10 km?

**You must show all your working.**

Answer \_\_\_\_\_ [4]