

m2 = 27 days to go!

- 7 (a) Seven factory workers and their manager earn these weekly wages:

£294, £245, £300, £288, £300, £259, £290 and £850

What is the **median** weekly wage?

Answer £ _____ [2]

- (b) The manager's weekly wage is increased to £900 from £850

Which of these is not affected by the change?

range median mean mode

Answer _____ and _____ [1]

- 14 John has a telephone with the following costs.

Line rental: £18.99 per month

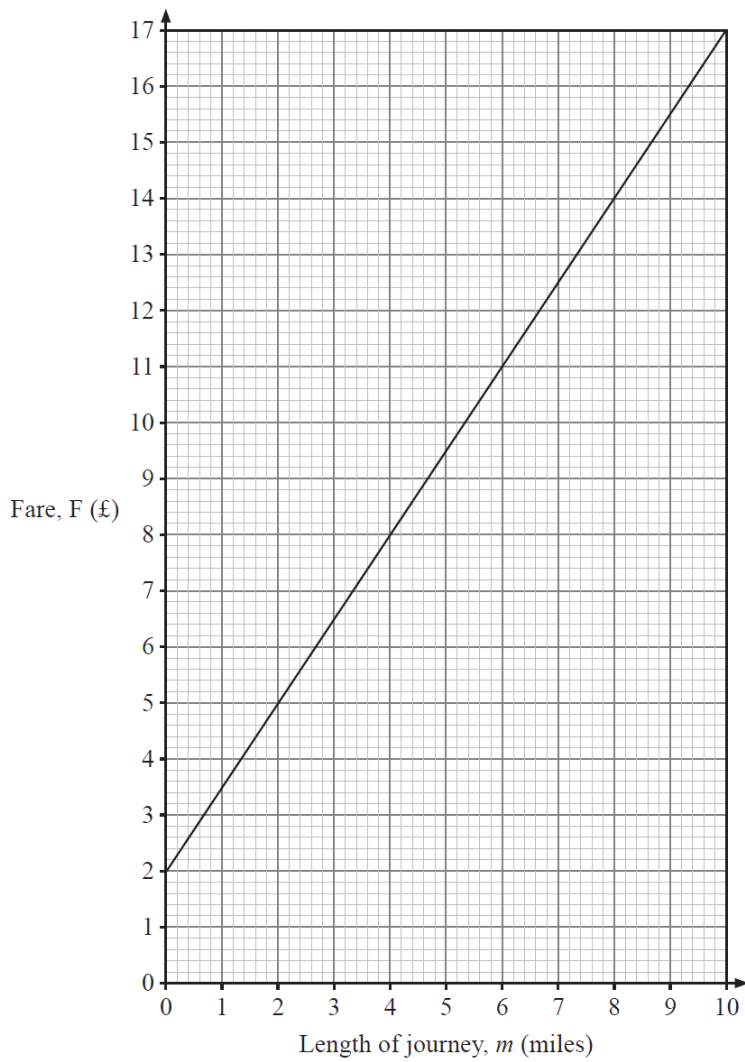
Call charge: 5.8p per minute

Last month John made calls lasting 385 minutes.

Work out his telephone bill for last month.

Answer £ _____ [3]

25 The graph shows the fare, F (£), for a taxi journey of m miles with Trusty Taxis.



(a) Calculate the gradient of the straight line.

Answer _____ [2]

(b) Give a real life meaning to the value you found in part **(a)**.

Answer _____ [1]

(c) Classy Cabs charge a minimum fare of £4 plus £1 for each mile travelled.

Draw a graph for the cost of a taxi journey with Classy Cabs on the same grid as Trusty Taxis. [1]

(d) Use your graphs to work out the length of the journey that will cost the same with both companies.

Answer _____ miles [1]