Interpret gradient and intercept on real life graphs

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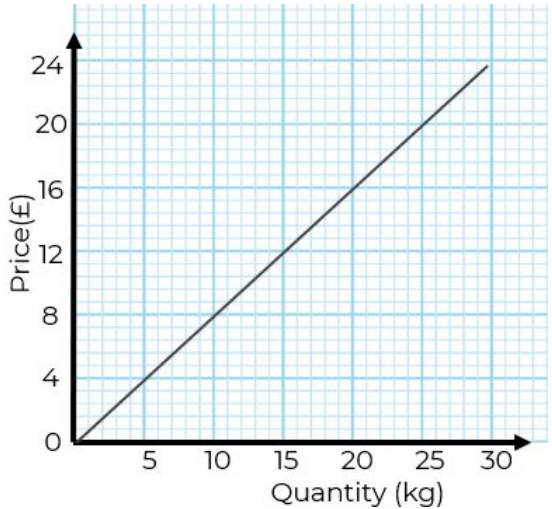
Maths

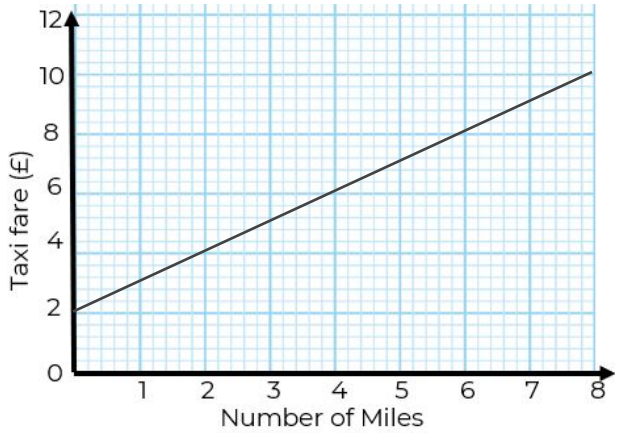
Interpret gradient and intercept on real life graphs

1. The graph shows the cost of buying . bananas at a shop.



a)What is the gradient of the graph?
b)What does the gradient represent?

2. The graph shows the cost of a taxi per journey.

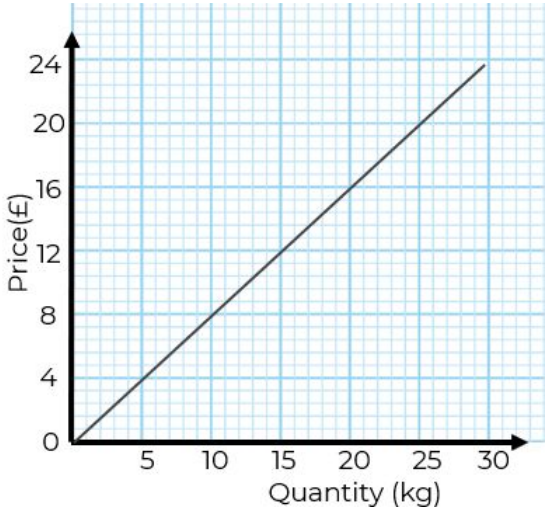


a)Work out the gradient of the line
b)Work out the y-intercept
c)What do the gradient and y-intercept represent?

Answers

Interpret gradient and intercept on real life graphs

1. The graph shows the cost of buying . bananas at a shop.

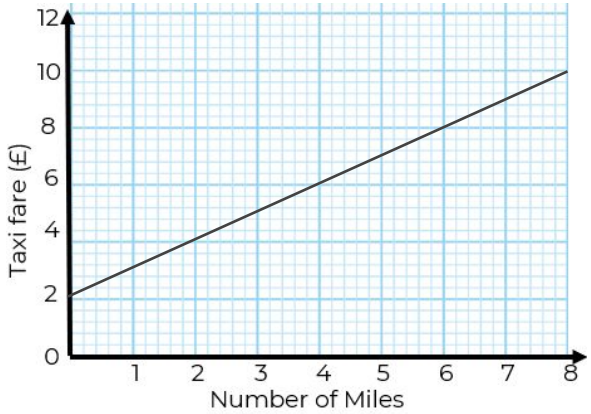


a)What is the gradient of the graph? 0.8

b)What does the gradient represent?

Price per kg of the bananas, £0.8 per kg

2. The graph shows the cost of a taxi per journey.



a)Work out the gradient of the line 1

b)Work out the y-intercept 2

c)What do the gradient and y-intercept represent?

Intercept is the standing charge of £2.

The gradient is the price per mile of £1.