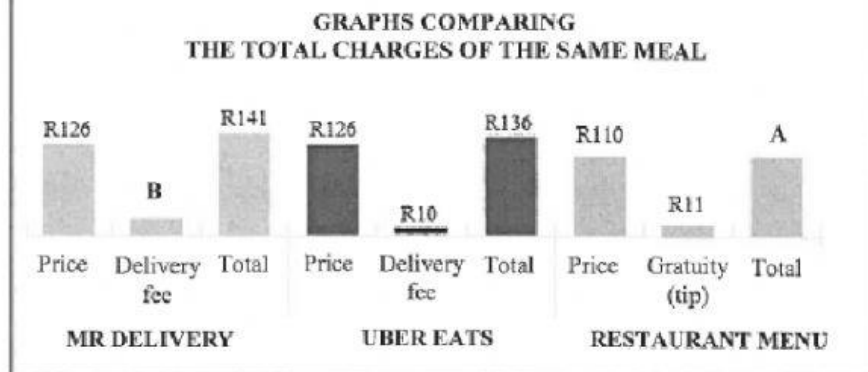


QUESTION 1

1.1

The information below represents three meal options for the same meal.

- Mr Delivery
- Uber Eats
- Restaurant menu



[Adapted from www.graphics24.co.za]

Use the above information to answer the questions that follow.

1.1.1 Identify the type of graph used.

(2)

1.1.2 Calculate A, the total for the restaurant menu.

(2)

1.1.3 Calculate B, the delivery fee for Mr Delivery.

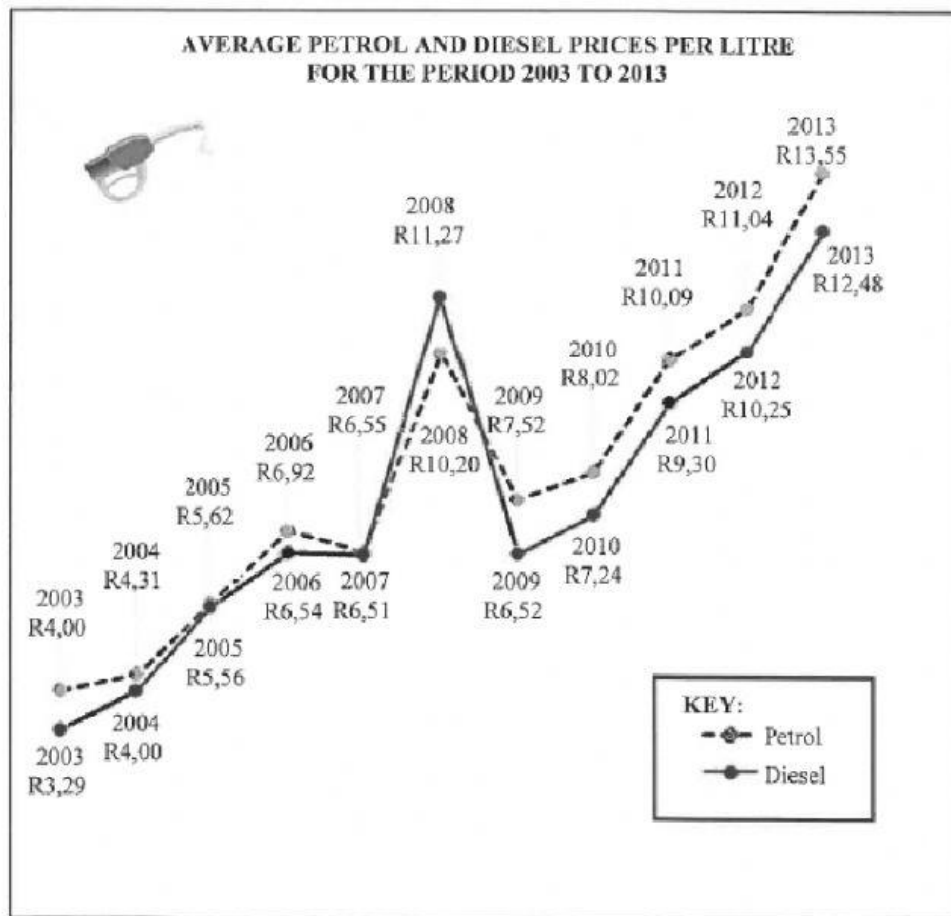
(2)

1.1.4 Write down the difference between the highest price and the lowest price of the meal, excluding delivery/gratuity.

(2)

- 1.1.5 If the delivery fee for Uber Eats increases by 6,32%, calculate (in rand) the increase in the delivery fee. (2)

- 1.2 The two line graphs below represent the average petrol and diesel prices per litre for the period 2003 to 2013.



Use the above information to answer the questions that follow.

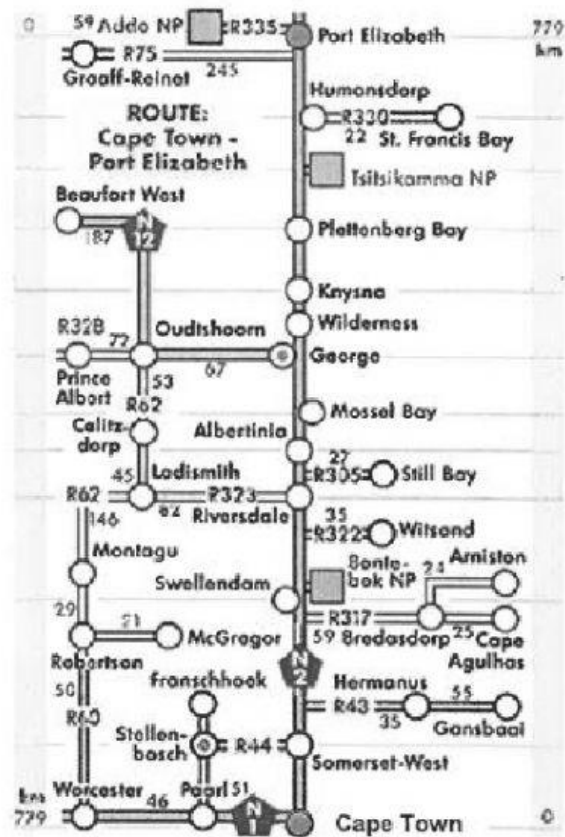
- 1.2.1 Write down the year in which the diesel price was higher than the petrol price. (2)

- 1.2.2 Calculate the difference between the price of petrol in 2012 and in 2004. (3)
- 1.2.3 Determine, to TWO decimal places, the unit ratio of the diesel price in 2005 to the diesel price in 2013. (3)
- 1.2.4 Calculate the total cost of 13,45 litres of petrol in 2003. (2)
- 1.2.5 Write down the year in which the difference between the petrol price and the diesel price was less than five cents. (2)

1.3

Devashni will be travelling from Cape Town to Port Elizabeth to visit her grandmother. She will use the map below to plan her journey.

MAP FOR A JOURNEY FROM CAPE TOWN TO PORT ELIZABETH



[Source: www.southafrica-travel.net]

Use the above map to answer the questions that follow.

1.3.1 Identify the type of map used above.

(2)

1.3.2 Determine, in metres, the actual distance between Cape Town and Port Elizabeth.

(2)

1.3.3 Along the route Devashni will visit a friend in Oudtshoorn. At Riversdale she will take a detour via the R323 to Oudtshoorn.

(a) Name the towns she will pass when traveling from Riversdale to Oudtshoorn.

(2)

(b) Calculate the total distance she will travel from Riversdale to Oudtshoorn.

(2)

[30]

