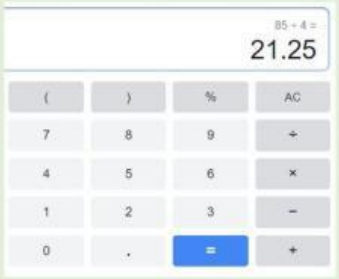
Here are the first 3 terms of a sequence:

7, 12, 17, ___, ____

1a) What will the next 2 terms of the sequence be?

1b) If we continued the sequence, would the number 72 be in the sequence?

Question 2



The calculator shows that 85 ÷ 4 = 21.25.

2a) Mahra spent £85 on cinema tickets for her and three friends. When collecting money from her friends, she rounded down to the nearest whole £. How much did she ask for from each of her friends?

2b) There are 85 Grade 5 children going on a rollercoaster. Each row of seats on the rollercoaster can sit 4 children.

How many rows must the rollercoaster have, so that all the children can go on the ride at the same time?

Question 3



Weight (g)	Cost (£)
0 - 200	0.67
201 - 500	0.96
501 - 800	1.38

The table shows the cost of different size potatoes at a supermarket.

3a) Maryam bought a potato which weighed 305g.
How much did the potato cost?

3b) Shaikha bought the following:
- 2 potatoes weighing 106g
- 1 potato weighing 400g
- 1 potato weighing 700g

How much did it cost altogether?

LIVEWORKSHEETS

Question 4 & 5

4) What fraction of the sweets are red?

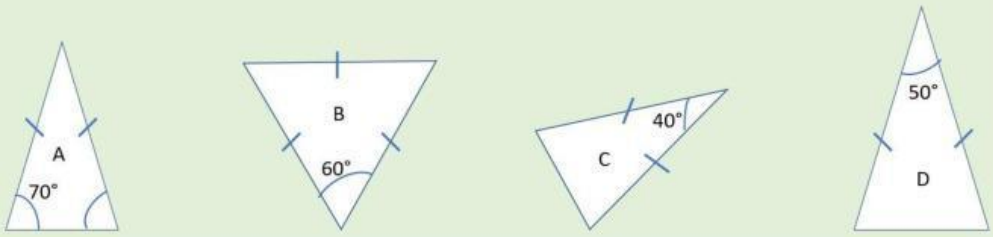
5) What fraction of the sweets are not red?



Question 6

6a) Which triangle is the equilateral triangle?

6b) Which two triangles have the same angles?

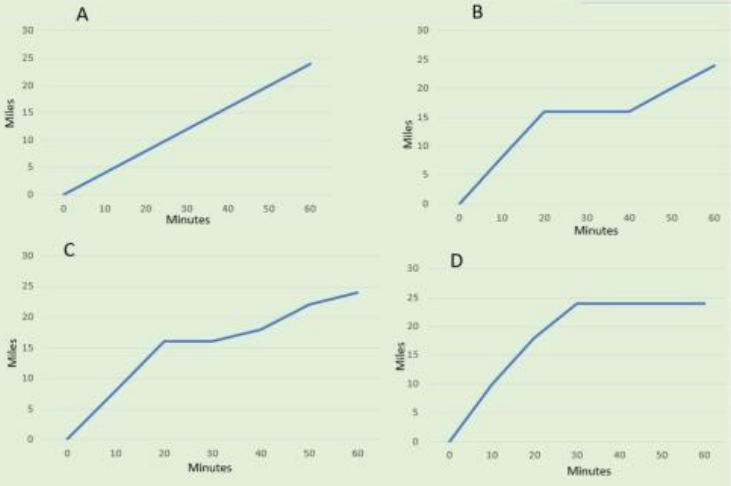


Question 8

4 friends decided to have a 24-mile bike race.

They tracked the amount of miles they covered against time.

Use the graphs to answer the following questions:



8) Sam is a professional cyclist and finished the race first. Which graph belongs to Sam?

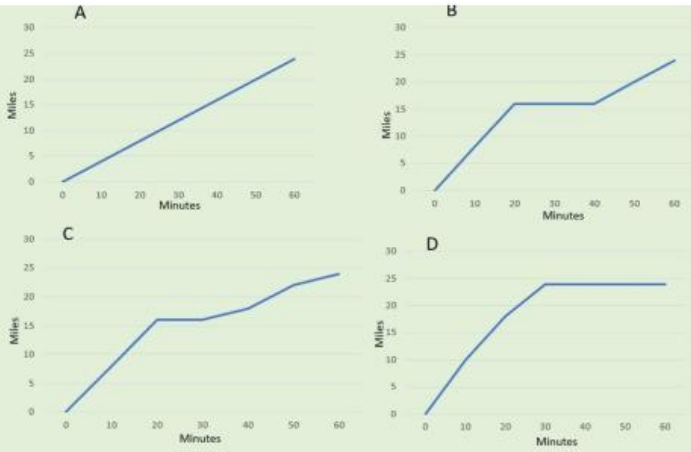
LIVEWORKSHEETS

Question 9

4 friends decided to have a 24-mile bike race.

They tracked the amount of miles they covered against time.

Use the graphs to answer the following questions:



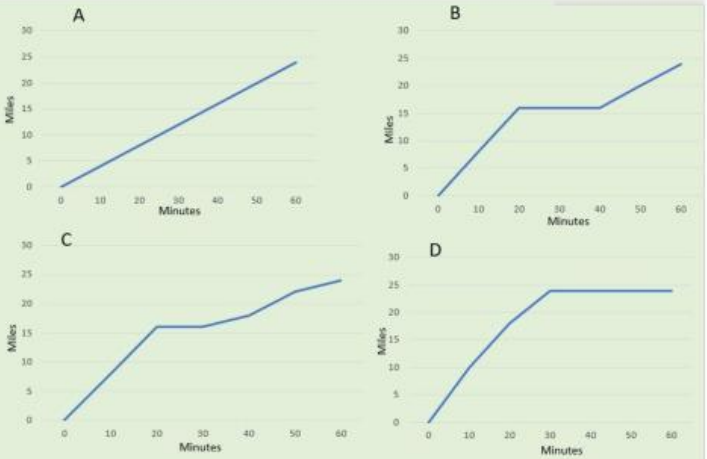
9) Ben decided to maintain a steady pace throughout the whole of his race. Which graph belongs to Ben?

Question 10

4 friends decided to have a 24-mile bike race.

They tracked the amount of miles they covered against time.

Use the graphs to answer the following questions:



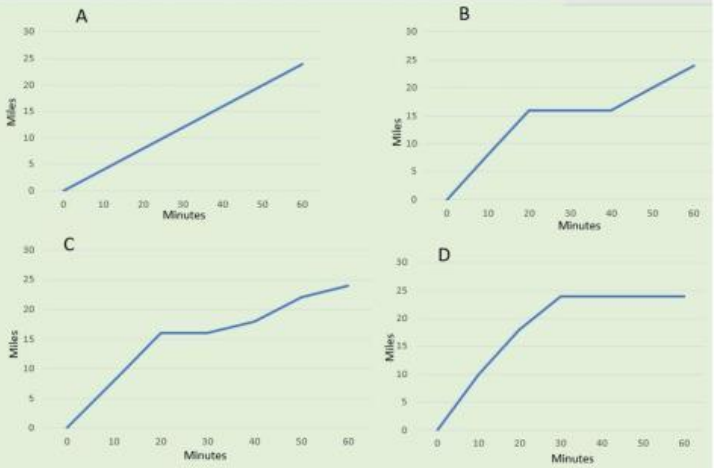
10) Jess and Ahmed both decided to take a break after 20 minutes. Ahmed only had a 10 minute break. Which graph belongs to Ahmed?

Question 11

4 friends decided to have a 24-mile bike race.

They tracked the amount of miles they covered against time.

Use the graphs to answer the following questions:



11) Sam completed the race first. By how many minutes did he win the race?

LIVEWORKSHEETS

Question 12

Calculate the new price of these items:



Was : £180

10% off



Was : £80

25% off



Was : £300

50% off

LIVEWORKSHEETS

LIVEWORKSHEETS