

## Question 23

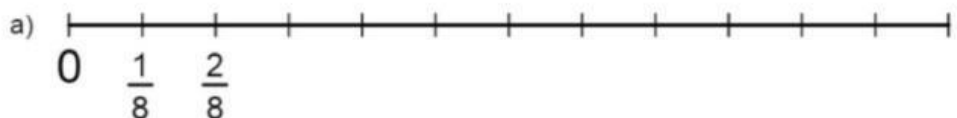
Tick the spaces where the brackets should go to make it correct.

23a)  $6 \times 3 + 2 = 20$

23b)  $6 = 12 \div 3 - 1$

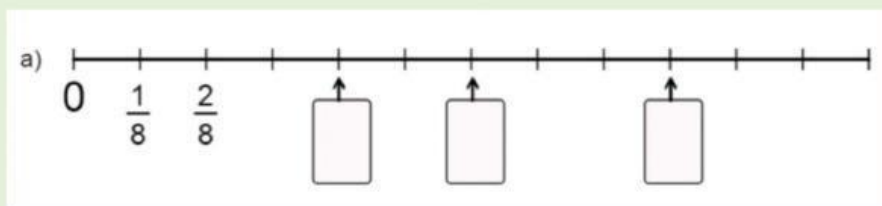
## Question 24

24a) Tick the box that shows where  $1\frac{3}{8}$  is.



## Question 24

24a) Match the fractions below to the arrow where they would be found on the number line.



$$\frac{3}{4}$$

$$\frac{1}{2}$$

$$\frac{9}{8}$$

## Question 25

Here is a recipe to make 1 biscuit.

What fraction of all the ingredients is flour?

Ingredients	Quantity for 1 biscuit
Flour	50g
Butter	30g
Sugar	20g

## Question 26

What is the ratio of butter to sugar?

\_\_\_\_\_ : \_\_\_\_\_

Ingredients	Quantity for 1 biscuit
Flour	50g
Butter	30g
Sugar	20g

## Question 27

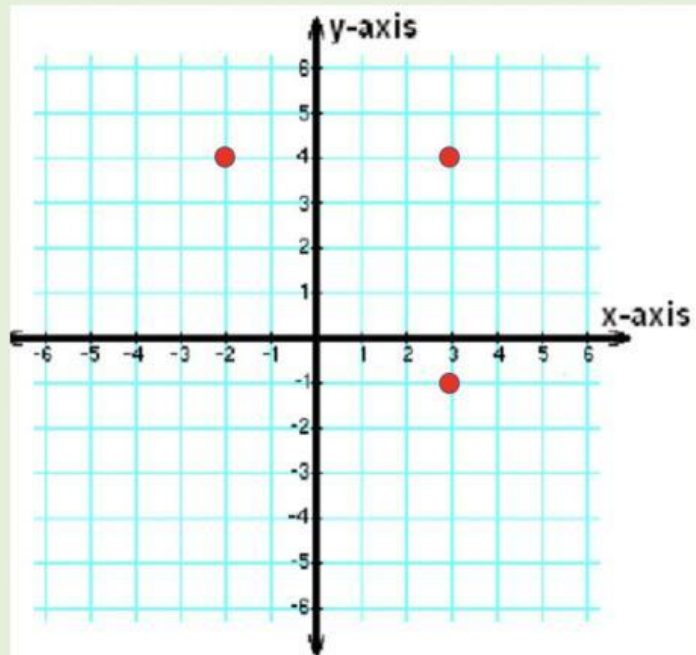
How much sugar is needed to make 5 biscuits?                      g

Ingredients	Quantity for 1 biscuit
Flour	50g
Butter	30g
Sugar	20g

## Question 28

Mohammed is drawing a square on the four quadrants.

On which co-ordinate should he plot the fourth corner?



## Question 29 & 30

Hamad's parents give him monthly pocket money based on his age. They decide to pay him £20 plus another £2 for every year he has been alive.

For example, when Hamad was 5 years old he received £30 which was calculated by  $\text{£}20 + (\text{£}2 \times 5 \text{ years})$ .

29) Write a formula to show how much pocket money Hamad will collect. Use  $x$  to represent Hamad's age.

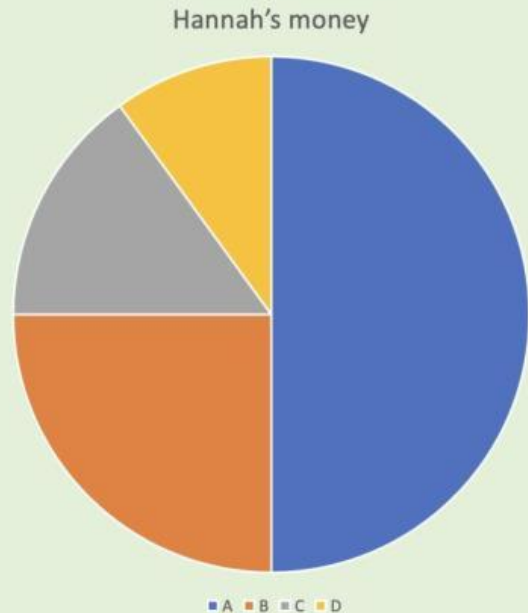
30) How old will Hamad be, when he earns £46 every month?

## Question 31

Here is a breakdown of where Hannah spends money each month:

Rent – 50%  
Car payment – 15%  
Groceries – 25%  
Other - 10%

Label the information above, A, B, C, or D so the pie chart is labeled correctly.



## Question 32

Here is a breakdown of where Hannah spends money each month:

Rent – 50%  
Car payment – 15%  
Groceries – 25%  
Other - 10%

If Hannah earns £600 in a month, how much of this will be spent on groceries?

