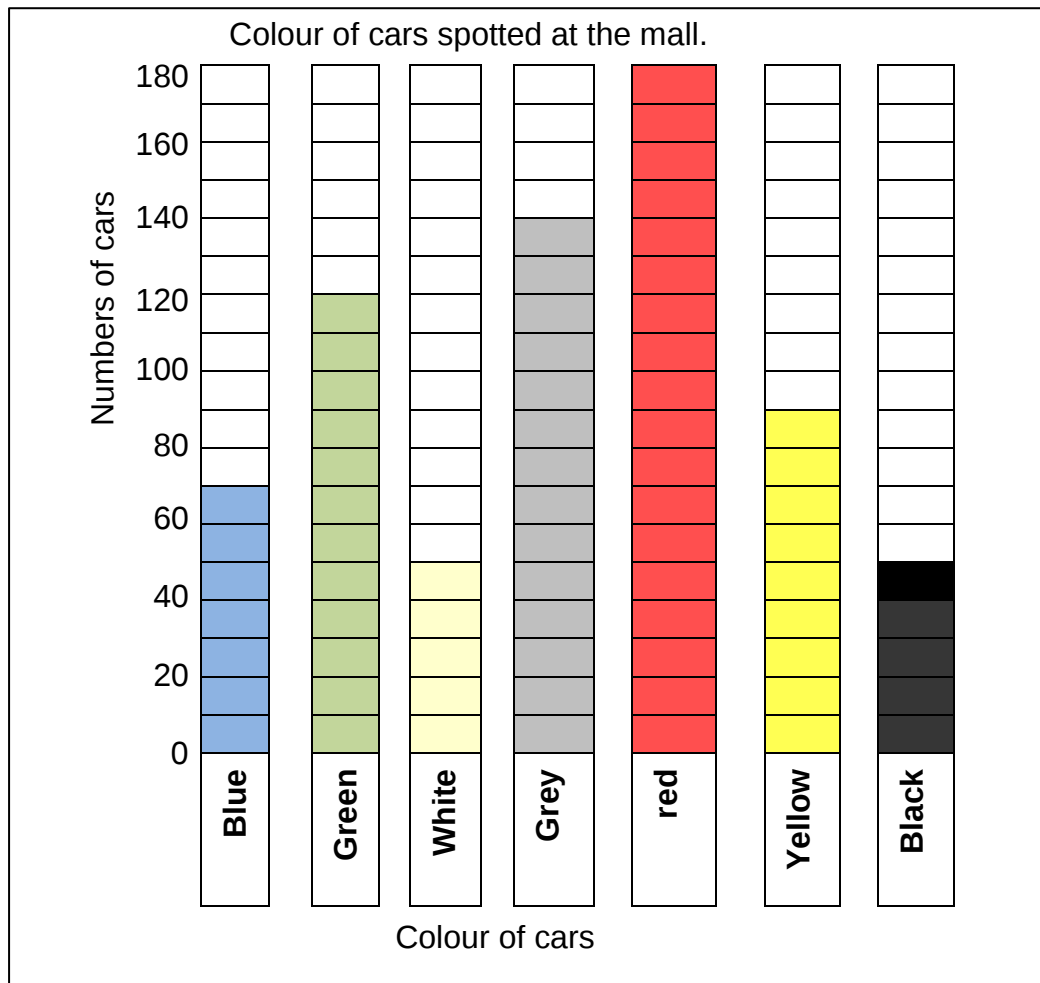


Worksheet 2023-5EO-00001

DATA

Cindy and her mother visited a mall. Sy counted the number of cars, according to colour, and indicated her findings on the bar graph below.

- (1) Use the data in the vertical bar graph to complete a frequency table.



Answer the following questions:

- (a) Which colour was spotted the most? Red
- (b) What interval is used in the graph? 20 units

Use the data to complete the table.

Colour	Frequency
Blue	70
Green	120
White	50
Grey	140
Red	180
Yellow	90
Black	50
Total	700

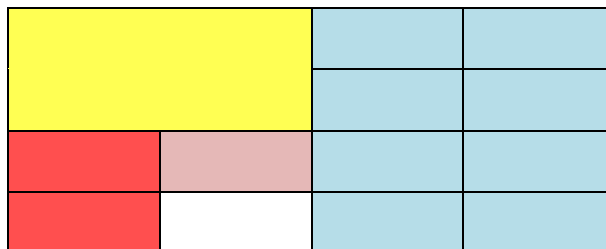
Which two colours were equal in numbers?

White and Black

Mode of data:

It is the data that occur the most

2. According to a survey of 48 children's Maths marks, the following data is shown below.



Key:

0 – 20%	21% – 40%	41% - 60%	61% - 80%	81% - 100%

(a)	Which fraction of the children have between 41% and 60%?	$\frac{1}{8}$ or $\frac{2}{16}$
(b)	Which fraction of the children have between 21% and 40%?	$\frac{1}{4}$ of $\frac{4}{16}$
(c)	Which fraction of the children have between 81% and 100%?	$\frac{1}{16}$
(d)	Which fraction of the children have between 0% and 20%?	$\frac{1}{16}$
(e)	Which fraction of the children have between 61% and 80%?	$\frac{1}{16}$
(f)	How many children have between 61% and 80%?	$\frac{1}{2}$ of 48 = 24 children
(g)	How many children have between 81% and 100%?	$\frac{1}{16}$ of 48 = 3 children
(h)	How many children have between 41% and 60%?	$\frac{1}{8}$ of 48 = 6 children
(i)	If a child scored 83,25%, which colour will indicate his marks?	White
(j)	If a child scored 62,5%, which colour will indicate his marks?	Blue