

1. Faiza wrote down the colour of 20 students' school bags.

Here are her results.


Black	White	Black	Red	Black	White
White	Black	White	Blue	Pink	Black
Red	Blue	White	Black	Black	Blue
Black	White	Pink	Blue	Black	Black

(a) Complete the tally chart to show this information.

Bag colour	Tally	Frequency
Black		
Blue		
Pink		
Red		
White		

(b) Complete the pictogram to show this information.

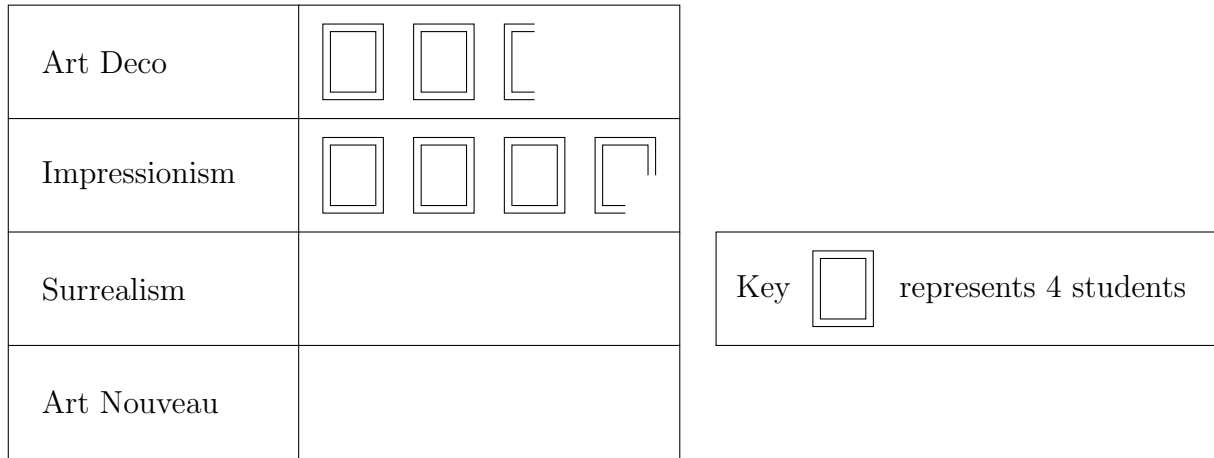
Black	
Blue	
Pink	
Red	
White	

Key  represents 2 bags

2. Liam asks some students

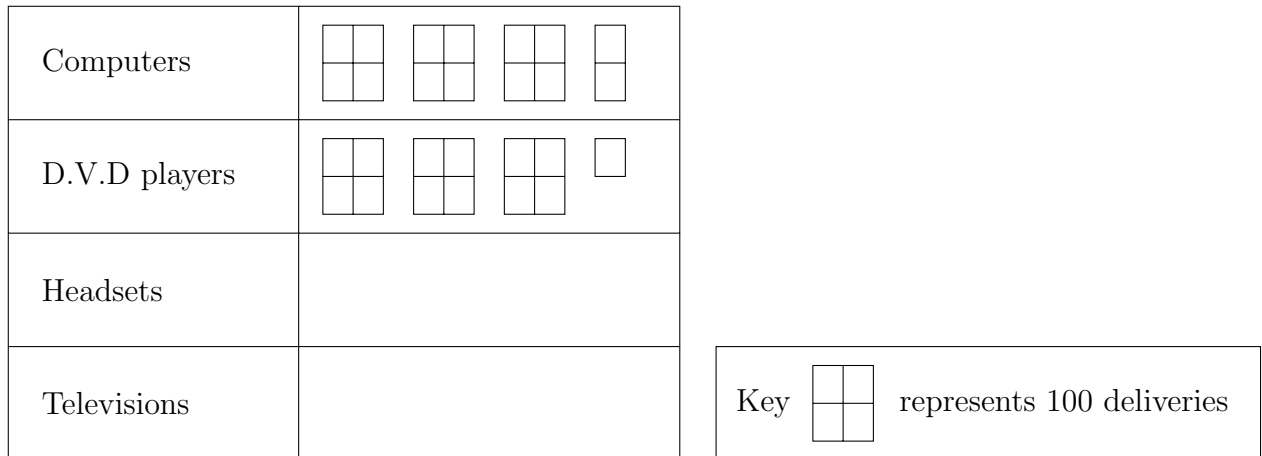
“Out of these four art books, which is your favourite?”

The incomplete pictogram shows information about the number of students whose chose art deco and impressionism.



8 students chose the surrealism book.
 12 students chose the art nouveau book.
 Show this information on the pictogram.

3. The incomplete pictogram shows the number of computers and d.v.d players sent out for delivery from a warehouse in December.



300 headsets were sent out for delivery in December.
 400 televisions were sent out for delivery in December.
 Use this information to complete the pictogram.

4. Haleema wrote down the hair colour of some models in a magazine.

Here are her results.

Brunette Red Black Brunette Blonde Brunette Black
 Brunette Black Blonde Black Red Brunette Black
 Red Black Black Blonde Blonde Black Red
 Black Brunette Black Black Brunette Black Brunette

(a) Complete the tally chart to show this information.

Hair colour	Tally	Frequency
Black		
Blonde		
Brunette		
Red		

(b) Complete the pictogram to show this information.

Black	
Blonde	
Brunette	
Red	

Key  represents 4 models

Answers

1. School bag

Bag colour: Frequency**Black: 10****Blue: 4****Pink: 2****Red: 2****White: 6****FYI:** *2 correct frequencies M1, all correct frequencies A1***Bag colour: Number of squares****Black: 5****Blue: 2****Pink: 1****Red: 1****White: 3****FYI:** *one row of pictogram correct - allow use of "their" data from (a) M1*

2. Art book

Surrealism: 2 frames**Art nouveau: 3 frames**

3. Tech

Headsets: 3 boxes**Televisions: 4 boxes**

4. Hair colour

Hair colour: Frequency**Black: 12****Blonde: 4****Brunette: 8****Red: 4****FYI:** *2 correct frequencies M1, all correct frequencies A1***Hair colour: Circles****Black: 3****Blonde: 1****Brunette: 2****Red: 1****FYI:** *one row of pictogram correct - allow use of "their" data from (a) M1*