

- 1** The block diagram shows children's favourite colours.



Use the block diagram to answer the questions.

- Which colour is most popular?
- How many people chose blue as their favourite?
- Which colour is least popular?

- How many people chose orange as their favourite?
- How many more people like yellow than orange?
- How many more people like yellow than red?
- How did you work out your answers to e) and f)?

- 2** The tally chart shows how many of each item there is.

Item	Tally	Total
Scissors	IIII	4
Glue	III III	9
Pens	III I	6

- Do the totals match the tallies?
- Use cubes to make towers showing how many scissors, glue and pens there are.
- Draw a block diagram using the tally chart and your cubes to help.

- d) How many people chose orange as their favourite?
- e) How many more people like yellow than orange?
- f) How many more people like yellow than red?
- g) How did you work out your answers to e) and f)?

- 2 The tally chart shows how many of each item there is.

Item	Tally	Total
Scissors	IIII	4
Glue	HHH IIII	9
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- a) Do the totals match the tallies?
- b) Use cubes to make towers showing how many scissors, glue and pens there are.
- c) Draw a block diagram using the tally chart and your cubes to help.

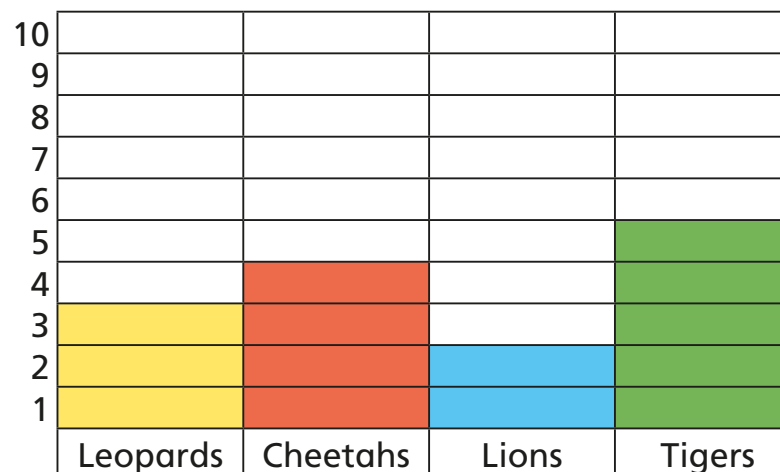
- 3 At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat	
Leopard	  
Cheetah	   
Lion	 
Tiger	    

Key
 = 2 big cats

Dora has tried to show the same information on a block diagram but she has made a mistake.

- a) What mistake has Dora made?



- b) Complete the block diagram so that it is correct.