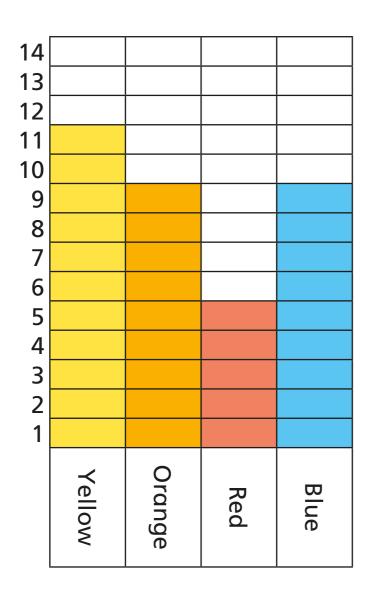
## **Block diagrams**



The block diagram shows children's favourite colours.



Use the block diagram to answer the questions.

a) Which colour is most popular?

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**b)** How many people chose blue as their favourite?



c) Which colour is least popular?

Red

**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.

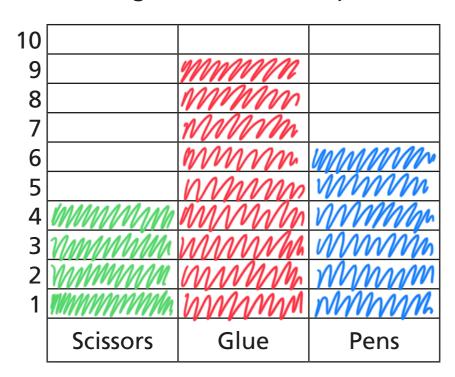
Item	Tally	Total
Scissors	IIII	4
Glue	JHT IIII	9
Pens	ШТІ	6

**a)** Do the totals match the tallies? Circle your answer.

Yes

No

- **b)** Use cubes to make towers showing how many scissors, glue and pens there are.
- c) Colour the block diagram using the tally chart and your cubes to help.





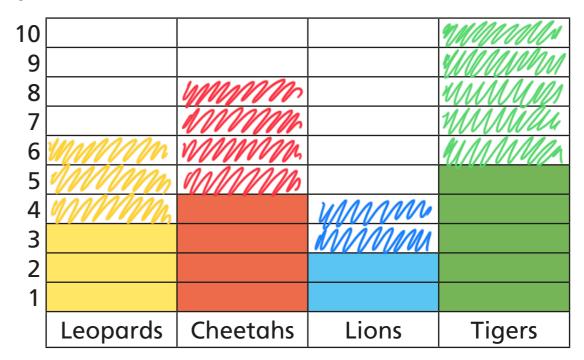


3 At the zoo, Mo keeps a record of how many big cats he sees.

Big Cat		Key
Leopard		= 2 big cats
Cheetah	<b>*** *** **</b>	
Lion	<b>** **</b>	
Tiger	***	

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.



