Maths

Starter

Open the following web page: https://www.topmarks.co.uk/Flash.aspx?f=barchartv2
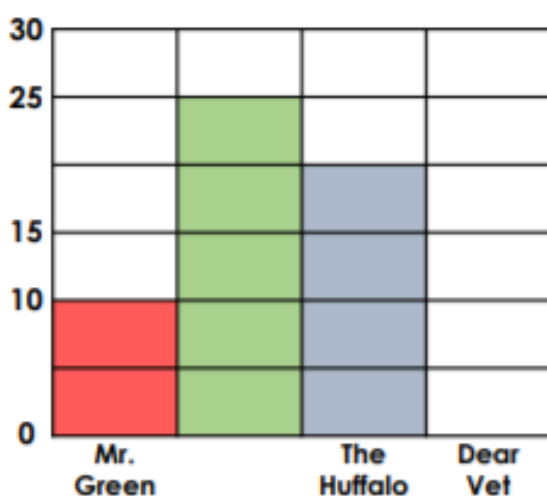
Have a go at creating your own bar charts using the information given! It will ask questions about the chart you have created!

Main Task

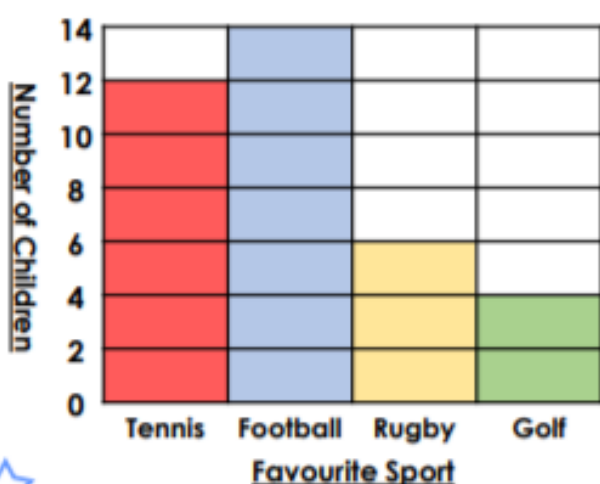### 4. Use the data given to complete the block diagram and table below.

Favourite book	Number of children
Mr. Green	
Barry Trotter	25
Dear Vet	15

VF
HW/Ext

5. Use the block diagram to identify whether the statements below are true or false.

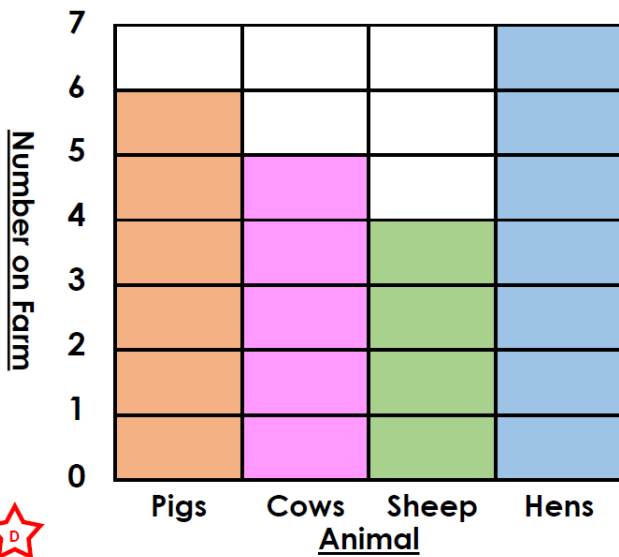| Statement		True or False?
A.	In total, 12 children chose rugby or golf.	
B.	Football is the most popular sport.	
C.	11 children said tennis is their favourite sport.	
D.	There are 10 fewer children who liked golf than football.	

VF
HW/Ext

Problem Solving

Choose your challenge!

1a. Use the sentence stems to create two questions about the data below.

Number on Farm (vertical axis)

Chart with values 0-7 on vertical axis. Animals on horizontal axis:
- Pigs: 6 (orange)
- Cows: 5 (pink)
- Sheep: 4 (green)
- Hens: 7 (blue)
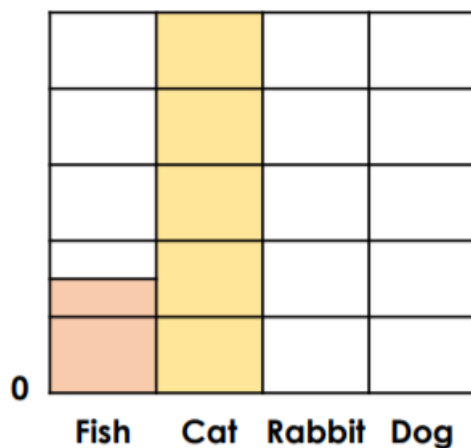
Animal (horizontal axis label)

A. How many…

B. In total, how many…

⭐ D

PS

1. Harry asked 28 children which pets they have. He is drawing a block diagram to show the results but he has spilt paint on his data!

Block diagram with axis starting at 0, animals: Fish, Cat, Rabbit, Dog

> More people have a rabbit or dog than they have fish. The cat is the most popular animal.

Pets	Number of Children
Fish	3
Cat	10
Rabbit	
Dog	

Use the clues to investigate the missing data. Complete the block diagram to match.

DP

2. Alina is creating a block diagram to represent the different countries that children in Year 2 have visited.
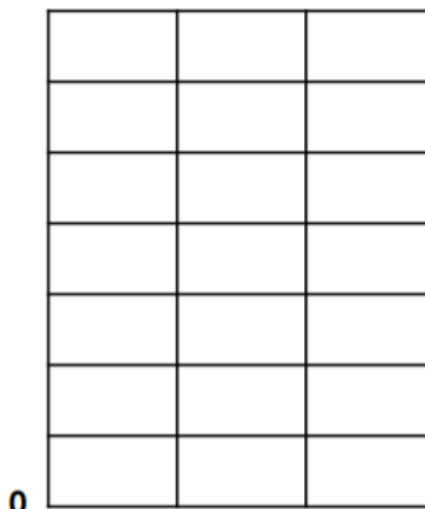
I asked 70 children in total.

More people have visited France than Spain.

Each block represents 5 children.

15 people have been to Spain.

The total number of people that have visited Italy is > Spain but < France.

0

Use the data clues to explore how many children may have visited each country. Create a block diagram to represent this data.

DP