

Solving word problems

1 The diagrams show how 30 children get to school.

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
	car	bike	walk	bus

Transport	Tally	Number
car		8
bike	### 1	
walk		9
bus	### 11	

a) Complete the tally chart and the block diagram.


b) How many more children walk than take the

bus?

c) Complete this pictogram to show the same information.

○ represents 2 children.

Transport	Number
car	
bike	
walk	
bus	

2 Steve is tallying letters in a word. 

Letter	Tally
B	
E	###
K	
P	
R	

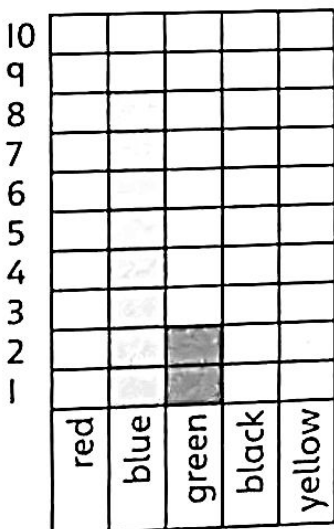
It is someone who looks after buzzing insects!

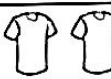




What is Steve's word?

□ □ □ □ □ □ □ □ □ □


3 a) Use the information to complete each diagram of favourite t-shirt colours.




Colour	Number
red	
blue	
green	
black	
yellow	

Colour	Tally	Number
red	###	
blue		
green	//	
black	### //	
yellow		




b) What is the value of each  ?


 = t-shirts

- 4 This is a pictogram of favourite  flavours.



Each  represents 1 vote.

strawberry	
vanilla	
chocolate	

Draw another pictogram for the same information. This time each  = 2 votes.

Each  represents 2 votes.

strawberry	
vanilla	
chocolate	

Reflect

Which chart or diagram do you prefer to use? Why?
