

Challenge Cards – Draw pictograms (1-1)

Problem solving and reasoning cards:



The pictogram I have created is correct.

Is Jess correct?

Explain how you know.

Flower	Tally
Rose	
Daisy	
Tulip	
Snowdrop	

Flower	
Rose	● ● ● ● ●
Daisy	● ● ● ● ● ● ●
Tulip	● ● ● ● ● ● ● ●
Snowdrop	● ● ● ● ●

Use the clues to complete the pictogram.

- There are double the amount of rulers than rubbers.
- There are two less pens than pencils.

Item		Total
Pen		4
Pencil		
Ruler		
Rubber		4

This survey was taken by 22 people. True or false? Prove it.

Sport		Total
Netball	● ● ● ●	
Cycling	● ● ● ● ● ●	
Swimming	● ● ● ● ● ● ●	
Football	● ● ● ● ●	

Key: ● = 1 person.

Spot the mistake. Explain your answer.

Toppings	Tally
Cheese	
Mushroom	
Pepperoni	
Pineapple	

Toppings	
Cheese	● ● ● ● ● ● ● ● ●
Mushroom	● ●
Pepperoni	● ● ● ● ● ● ●
Pineapple	● ● ● ● ●