





















# The Ice Cream Parlour - Handling Data

On Wednesday afternoon, some children visited a local ice cream parlour and made a pictogram to show the ice cream flavours chosen over three hours. Look at the pictogram and complete the activities.











**Key:**  = 2 scoops

Flavour	Number of Scoops
	
	
	
	
	
	
	
	
	
	

## The Ice Cream Parlour - Handling Data

1. Read and interpret the ice cream data and use tally marks to complete the table.
2. Complete the title and the 'Total' column

Table to show the \_\_\_\_\_

Flavour	Frequency	Total
Banana 		
Bubblegum 		
Chocolate 		
Honeycomb 		
Mint Choc Chip 		
Raspberry Ripple 		
Rum and Raisin 		
Strawberry 		
Tutti Fruiti 		
Vanilla 		

3. What were the two most popular flavours?

\_\_\_\_\_

4. What were the two least popular flavours?

\_\_\_\_\_

5. How many more scoops of strawberry was used than scoops of rum and raisin?

\_\_\_\_\_

6. How could data like this be useful to the ice cream parlour?

\_\_\_\_\_

7. There are about 12 scoops in each tub. How many tubs of each of these flavours were opened?

a. Vanilla \_\_\_\_\_

b. Bubblegum \_\_\_\_\_

c. Strawberry \_\_\_\_\_

8. Write down some questions about the data for a partner to answer.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_







**Challenge:** Conduct a survey in your class to discover favourite ice cream flavours. Draw a horizontal bar graph on squared paper to show the results.



1 Class 3 bought these items in the Tuck Shop.

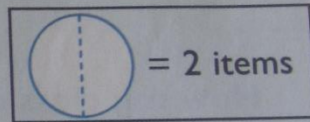
Count the items.  
Use this tick sheet.

	Total	
		
		
		
		

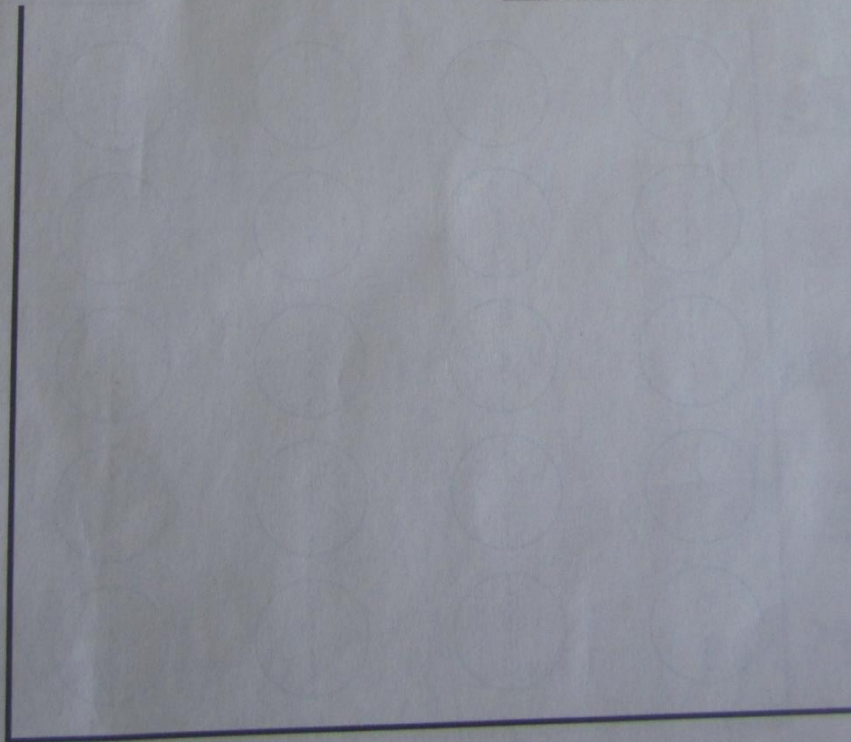


2 Complete the pictogram.

Tuck Shop sales



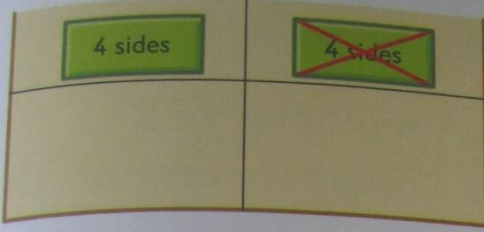
Number  
of  
items



1 (a) Sort a set of flat shapes into two sets:

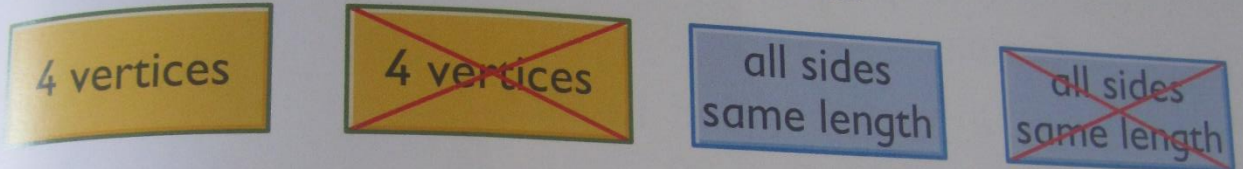


(b) Draw the shapes in a diagram like this:

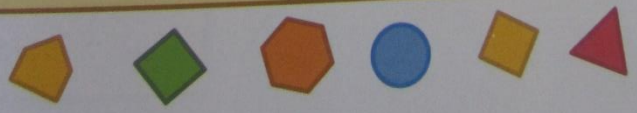
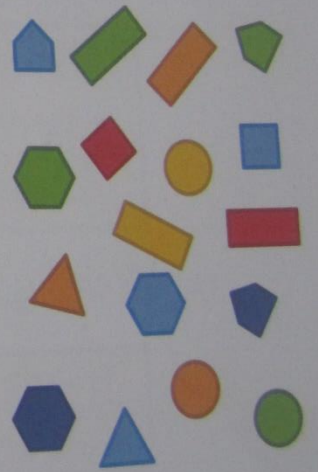
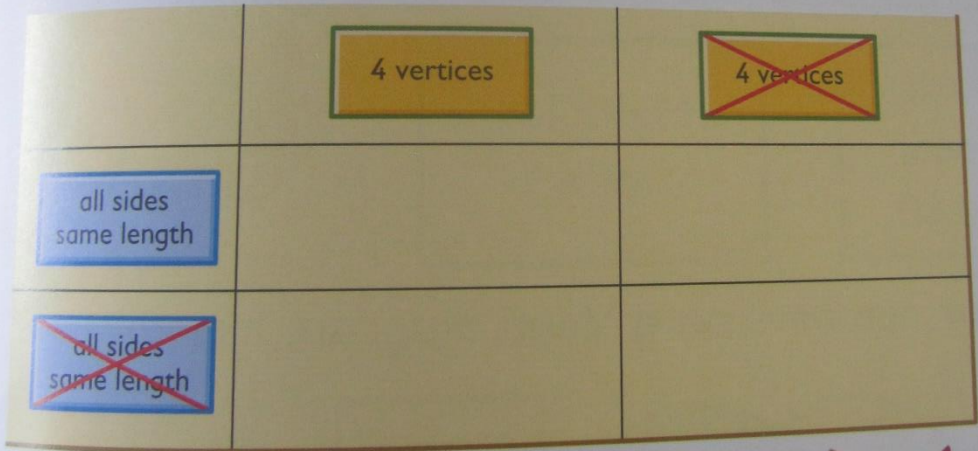


(c) List the shapes with 4 sides.

2 (a) Try to sort the shapes into four sets:

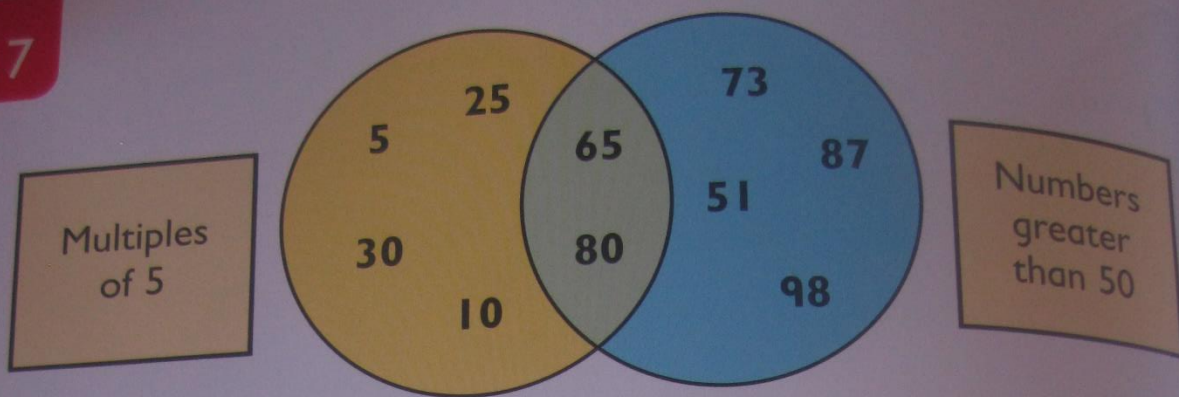


(b) Draw the shapes in a diagram like this:



(c) Name a shape

- with 4 vertices **and** all sides the same length
- which does not have 4 vertices **and** does not have all sides the same length.



1 (a) List three other numbers for

- the yellow part  $\longrightarrow$  multiples of 5
- the blue part  $\longrightarrow$  numbers greater than 50
- the green part  $\longrightarrow$  multiples of 5 **and** numbers greater than 50.

(b) In which part should 50 go?  
Explain.

2 (a) List 8, 23, 32, 71 and 12 other numbers less than 80.

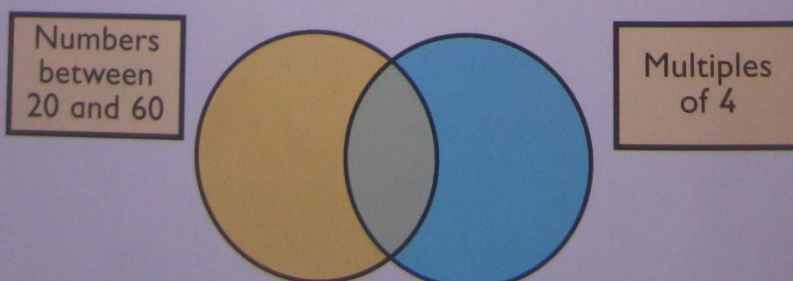
(b) Sort your numbers into two sets:

Numbers  
between  
20 and 60

Multiples  
of 4



(c) Write your numbers on a Venn diagram like this:



(d) Which numbers did **not** fit inside the circles?  
Why not?