



Progress check: Entry 3 numeracy

Getting information from tables, diagrams and charts

Short task

1 Claire is a member of the local gym.

a If she uses the gym three times a week, how much will this cost for twelve weeks?

Show your working here:

Answer:

	Non-member	Member
Swim	£3	£2.50
Gym	£4	£3
Spa	£5	£3.50

Locker deposit £1

b Her membership costs £20 for each twelve-week period.
How much does she save over the twelve weeks by being a member?

Show your working here:

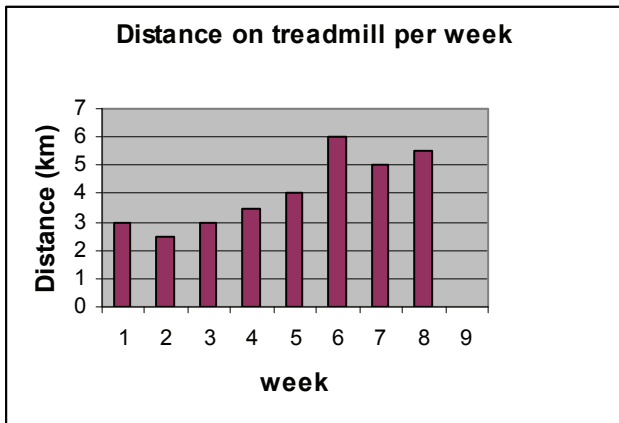
Answer:

c Her membership number is one thousand and forty-six.

Write this on her membership card:

Colton Leisure Centre			
Membership no:			

2 Claire keeps a record of the distance she runs on the treadmill each week.

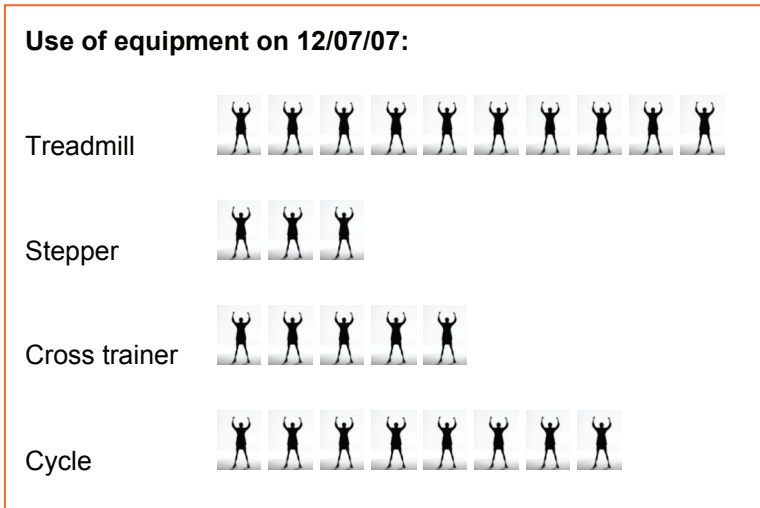


a How far does she run in week 5?

b Which was her best week so far?

c In week 9 she runs 6.5 km. Add this in on the chart above.

3 Staff at the gym are interested to find out about the popularity of different pieces of equipment. They keep a record for one day of how many people use each piece of equipment.



a Make a list of the pieces of equipment in order of popularity, starting with the most popular.

Write your list here:

b How many more people use the treadmill than the stepper during the day?

Show your working here:

c In a session the next day, the member of staff on duty is keeping a tally of the equipment use.

Use of equipment 13/07/07:

Treadmill	
Stepper	
Cross trainer	
Cycle	

She has to leave an hour before the end of the session, so she asks Claire to note how many people use each piece of equipment.

The use is:

stepper	cross trainer	treadmill	cycle
treadmill	treadmill	cross trainer	cycle
cross trainer	cycle	stepper	treadmill

Add these additional uses to the tally chart above.

Mini-test

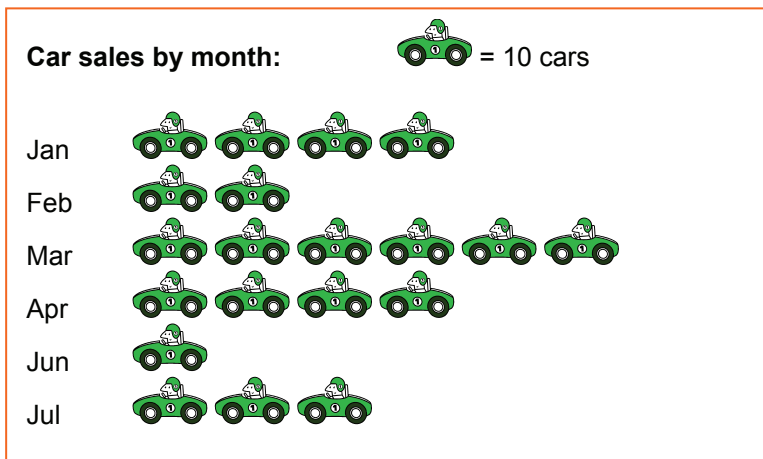
1 This chart shows the number of people of different ages living in a street.



Which age group has the smallest number of residents in the street?

- a 0–10 b 11–20 c 21–30 d 31–40

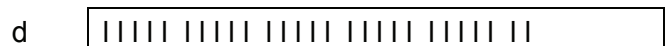
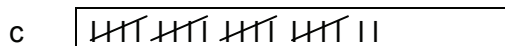
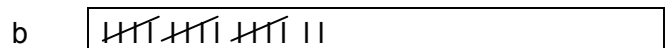
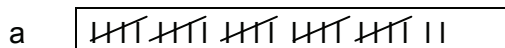
2 This pictogram shows the number of car sold in different months:



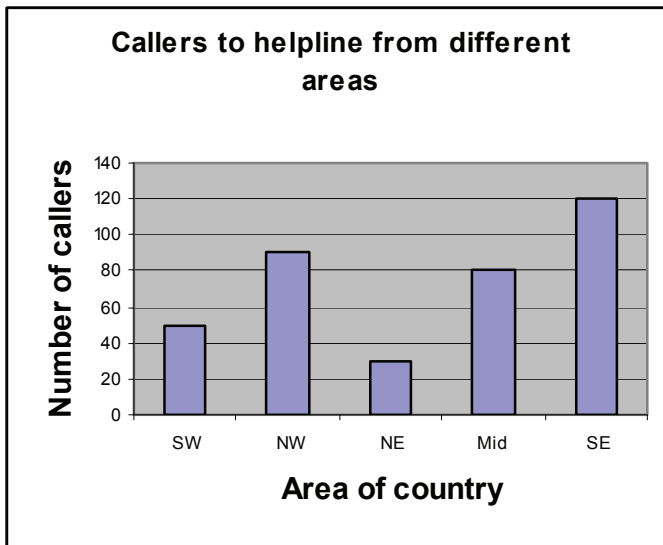
How many more cars were sold in March than June?

- a 5 b 10 c 50 d 60

3 Staff in a zoo are keeping a record of the number of visitors to different animals. Which of these would be the correct tally to show 27 visitors?



4 A telephone helpline keeps track of the callers it gets from different areas.



Area	No. of callers
SW	50
NW	90
NE	25
Mid	80
SE	120

Which of the bars on the chart is the wrong size according to the data in the table?

- a SW b NW c NE d Mid

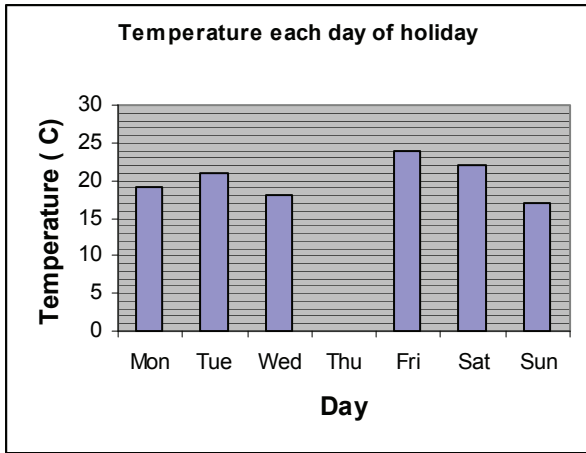
5 A group of friends take part in a fun run five years in a row and record their times each year.

Runner	2003	2004	2005	2006	2007
Jim	24	22	24	23	22
Sue	27	27	26	26	25
Alan	20	19	20	21	19
Jane	27	30	–	–	30
Gary	–	–	25	24	23

Which of the runners improved their time in 2007 compared to 2003?

- a Jim, Sue and Gary b Jim, Sue, Alan and Gary
 c Jim, Sue and Alan d All of the runners

6 Peter keeps a record of the temperature each day on his holiday.



On Thursday the temperature was 18°C.
Which chart shows the right height bar for Thursday?

