Information from tables

Timber Yard

A timber yard has lots of planks of wood cut to different sizes.

Size	Frequency
50 cm	12
100 cm	3
120 cm	5
150 cm	5
200cm	6
275 cm	9

1   What is the median size of the pieces of wood?
2   What is the total length of the pieces of wood?
3   What is the range in the size of the pieces of wood?
4   On the grid below, draw a bar chart showing this information.
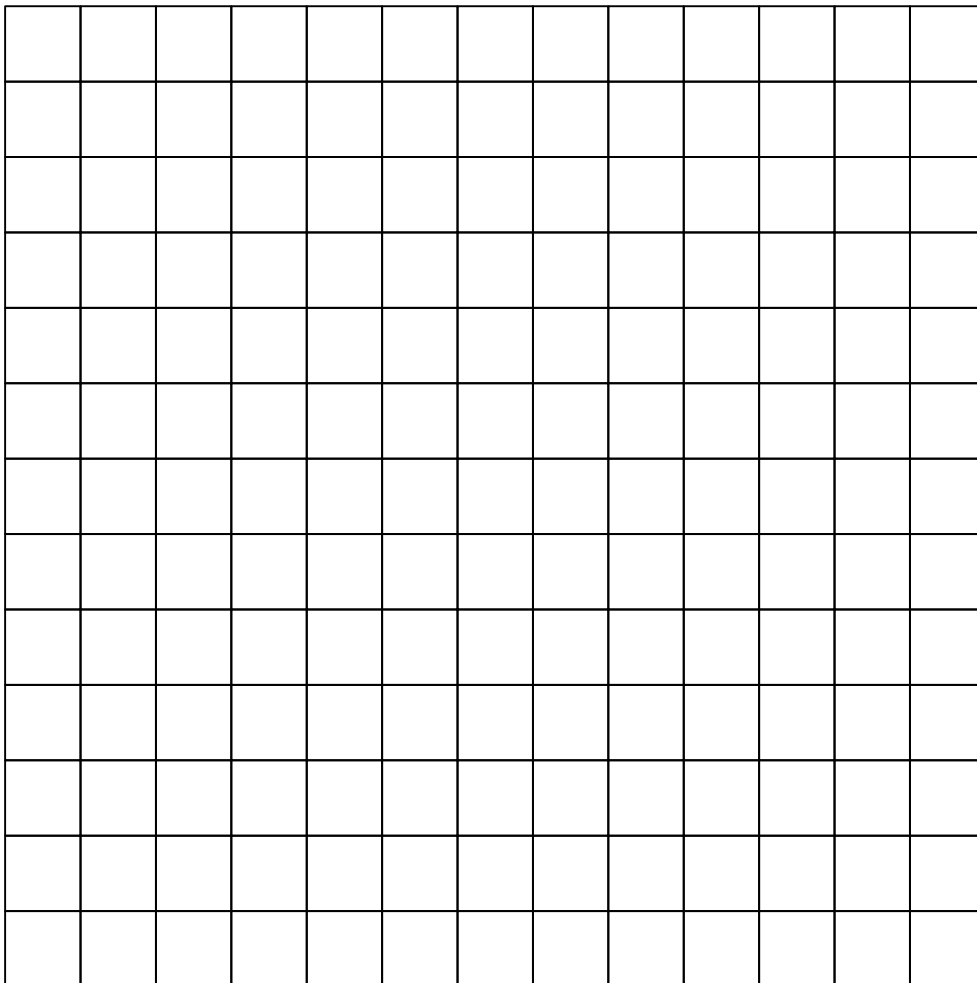
Hospital

Several people have been admitted to hospital because of their weight. The information is given below.

Weight	Frequency
50kg	3
55kg	4
60kg	9
80kg	8
100kg	5
110kg	3
125kg	2

1   Calculate the median size of the weight of the people.
2   Find the total weight of the people admitted to hospital.
3   What is the range of the people in hospital.
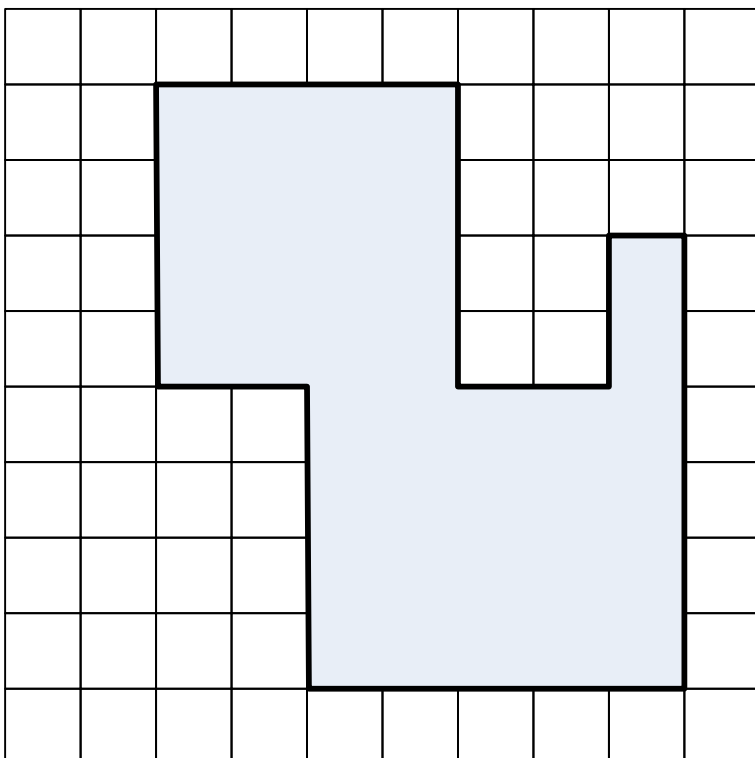4   On the grid below, draw a bar chart showing this information.
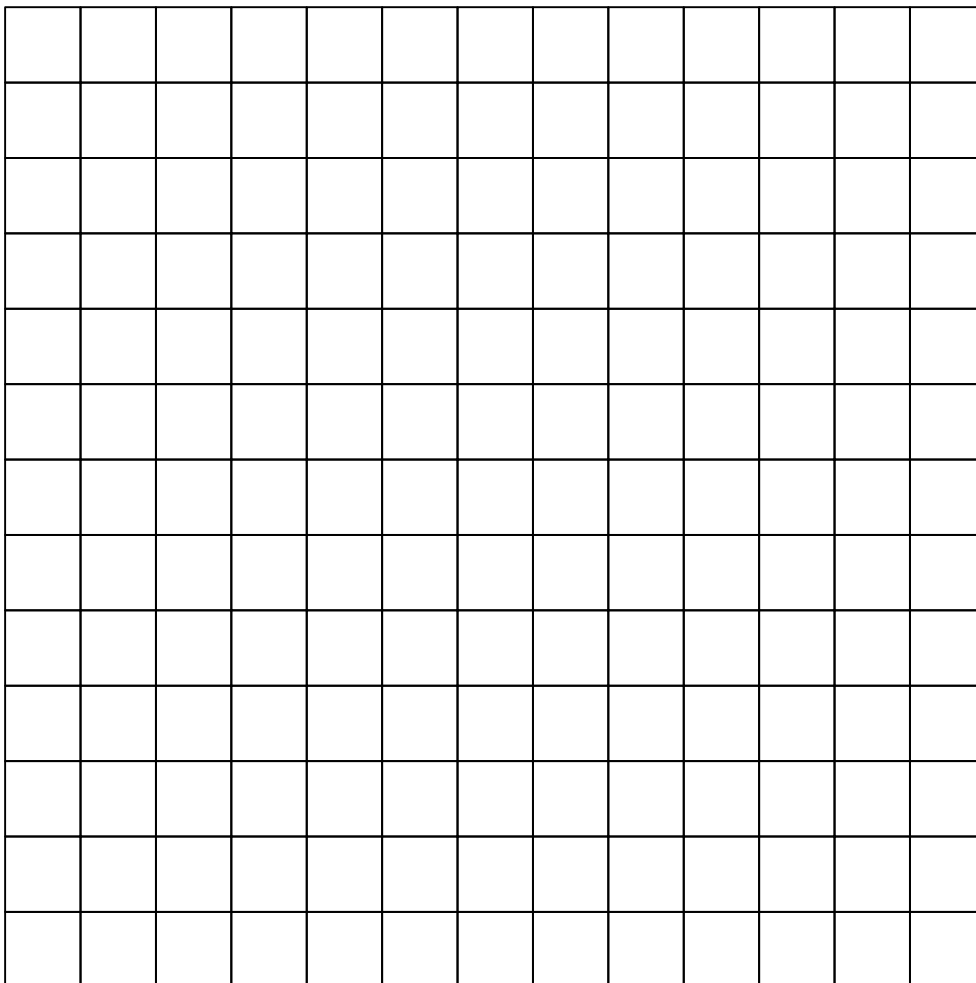
Area and Perimeter of Irregular Shapes
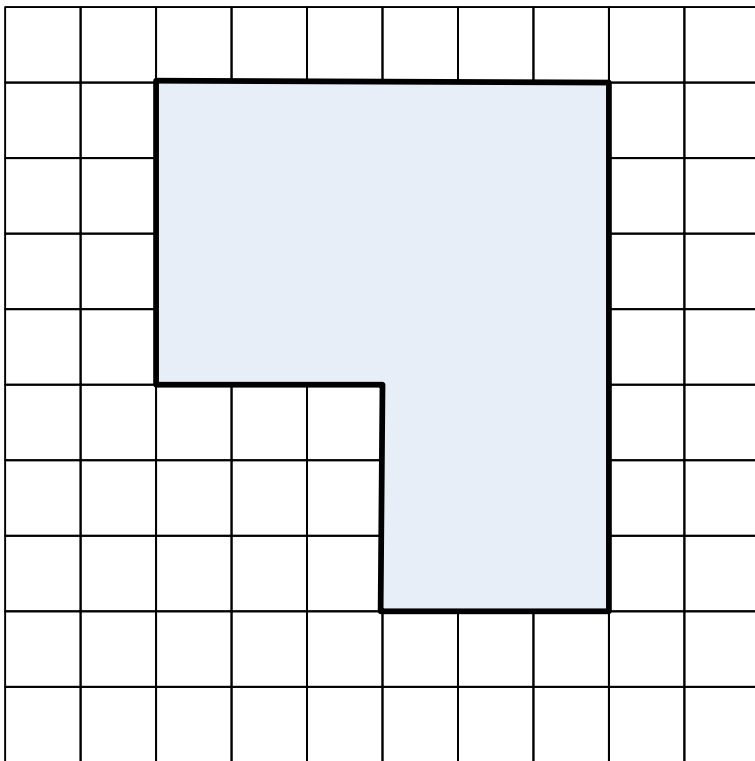
Area:

Perimeter:

Area:

Perimeter:

Time Questions

1   Adrian set off to the park at 8:30. It took him 35 minutes to get to the park. He sat on a bench feeding the birds for 50 minutes, at which point, his friend, Billy came to sit with him. They sat for a further twenty minutes and then decided to go for a coffee. It took 5 minutes to walk to the coffee shop and another five minutes before they were served. Once they had got their drinks, they sat down and chatted for an hour. Adrian left the coffee shop and walked home – a walk that took him 40 minutes (as it was uphill). What time did Adrian get home?

2   Joanne set off to the library at 10:45. It took her 45 minutes to get there. She walked round browsing through various books for 50 minutes, at which point, she saw a book about which she had read really good reviews. She queued for five minutes and then had her booked stamped and started to walk home. The walk took 55 minutes. Twenty minutes after she arrived home, Joanne had a phone call from her niece. The call lasted 18 minutes. At what time did Joanne replace the phone on the receiver?

Comparison Questions

1   A bar of chocolate costs £1.60. A packet of buttons costs £2.10. A teacher wanted to buy her class one of these. There were 32 children in the class. She had £75.
     a.   Did she have enough for two bars of chocolates each?
     b.   How much cheaper would it be to purchase a packet of chocolate buttons instead?

2   The regular price for soup is £1.20. A supermarket had an offer on for tomato soup. You could buy one tin and get the second at half price. Alternatively, you could buy 6 tins of soup for £4.50. I want to buy 15 tins of soup. What is the cheapest way I could do that?

3   150 boxes of matches cost £4.
     350 boxes of matches cost £9.20.
     a   Which is the cheapest price per box of matches?
     b   How much cheaper?

4   Abels Cabs charge £1.20 plus 32p per mile.
     Billy's Cars charge £1.00 plus 41p per mile.
     Charlies Autos charge £2.00 plus 23p per mile.

     Which is the cheapest company to use for a trip to the airport of 27 miles?