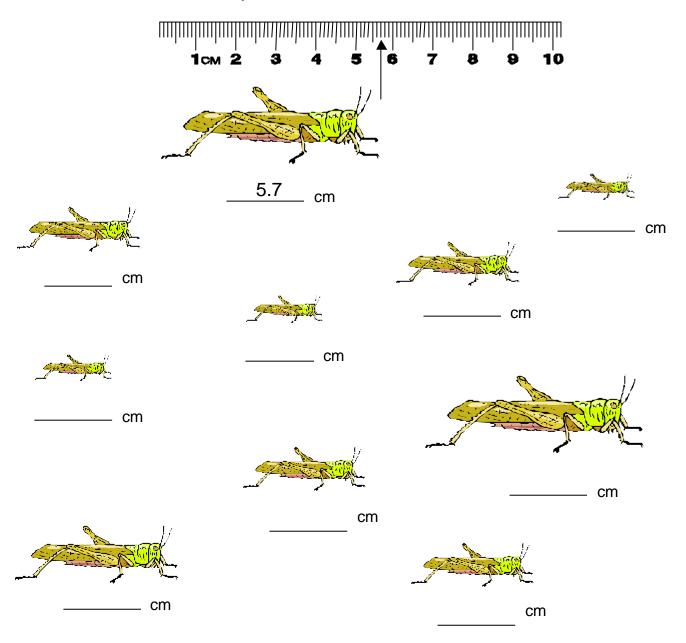
## Locust bar-charts

Measure the locusts with a ruler and write down their exact sizes in cm (measure right to the end to their feet).

Use the number line below to help you. We've already measured one locust for you.



Now if they are not a whole cm, round them up to the nearest cm. You can write this underneath. Use the number line to help you.

Draw a bar chart on squared paper.

Which size is the most popular? Which size is the least popular?

**Tip**: Write the length in centimetres at the bottom of bar chart (from 1cm to 6cm), and write the number of locusts at the side of the bar chart (from 1 to 5).

## **Locust fractions**

During plagues, locusts can spread into parts of 60 counties. This is more than 20% of the total land surface of the world.

1) Circle the fractions that are the same as 20%, then write their decimal fractions underneath them.

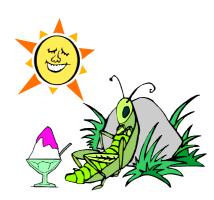
1/10	2/10	5/10	20/100	5/100	1/5	2/5
<ol> <li>Circle the decimal fractions that are the same as 20%, then write their fractions underneath them.</li> </ol>						
0.1	0.2	0.5	0.20	0.50	0.8	0.9
	Circle the fractions u	Circle the decimal fra fractions underneath	Circle the decimal fractions the fractions underneath them.	Circle the decimal fractions that are the s fractions underneath them.	Circle the decimal fractions that are the same as 20% fractions underneath them.	Circle the decimal fractions that are the same as 20%, then wri fractions underneath them.

Don't forget that 0.2 is the same as 0.20, it just has a different number of decimal spaces after the decimal point.

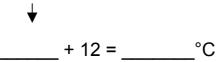
## Hot crickets!

The number of times that a cricket chirps shows what the temperature is.

For Hoppy the cricket, the temperature is the number of chirps in six seconds plus twelve. If Hoppy chirps three times in one second, what is the temperature?



The temperature is  $(3 \times 6) + 12 = ? ^{\circ}C$ 



## Can you do this?

For Jumpy the cricket, the temperature is the number of chirps in six seconds divided by 2 plus 11. If Jumpy chirps 5 times in one second, what is the temperature?