



Hello everyone! I am Gneville ...

... and I am Gnigel. We need your help to redesign our village, which got washed away in a flood!



The gnomes need neat drawings, so make sure you sharpen your pencil and use your ruler! They will tell you what to do ...



Please draw us two houses. Each house should:

- be a square with sides of 5.5cm
- have a chimney which is 1.5cm wide and 4.5cm tall
- have a door which is 2cm high by 1.5cm wide
- have four windows of 1cm by 1.5cm.

Can you draw a post box next to one of the houses which is 0.5cm wide and 1cm high?



Our children will need a school.

- Draw a rectangle which is 6.5cm by 3.5cm.
- Add a door that is 2cm high by 1.5cm wide.
- Can you put in 2 windows of 1.5cm square?



We will need a bus stop.

It should be 3cm high and 0.5cm wide.

Draw a small circle on top of it and write **BUS** inside the circle.

Hey Gneville, let's ask them to make us a post office!

It needs to:

- be 4.5cm high by 4cm wide
- have a door like the ones on the houses
- have a window like the ones on the school.

We will need **P.O.** written inside the shape so we know what it is.





What about a castle, Gnigel?

- Draw a rectangle of 5cm wide and 2.5cm high.
- On top there are 3 rectangular turrets which are each 1.5cm high and 1cm wide.

And we must have a hospital! Please draw:

- a rectangle of 3.5cm by 5.5cm
- a square door of 2cm
- three windows of 2 cm by 0.5 cm.

Please will you put an **H** on it so we know it's the hospital?



Can we have a shop? It should be:

- 100mm wide and half of its width tall.

Please will you draw some things in the window in so we know what they sell?

Gnigel, I hope these big people have labelled the buildings correctly, don't you?

And they can draw a picture of you and me in their village to make sure that the scales work.



Yes, let's ask them to check their lines with a ruler.

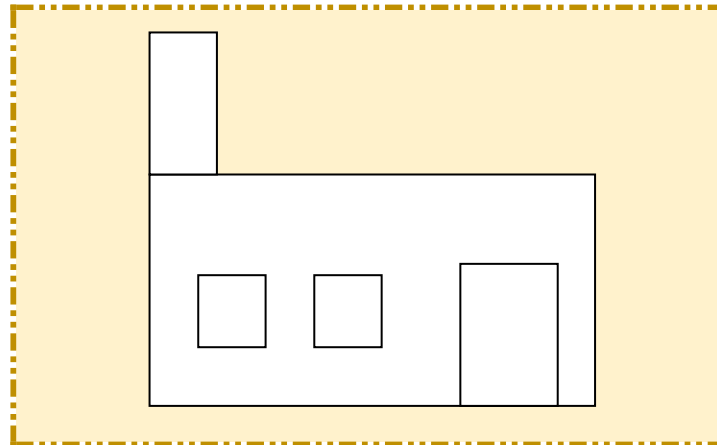
Our new village is going to be lovely!

Name: .....

Date: .....



Gnigel ... remember our lovely little houses? They looked like this, didn't they?



Nonsense Gneville, they were at least 1cm taller and twice as long!



For the house that Gneville has drawn, measure:

a) How high the door is. .....	b) How wide the windows are. .....
c) How wide the house is. .....	d) How high and how wide the chimney is. .....

On another page, draw Gnigel's version of the house.