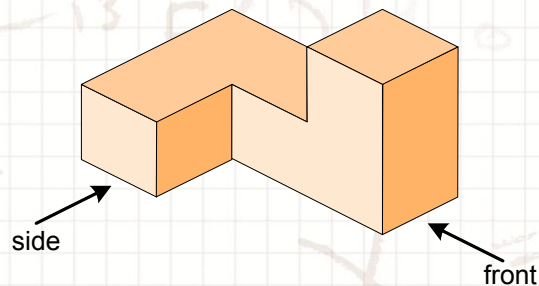


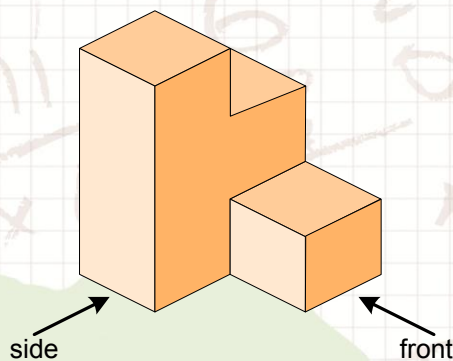
- 1 **A** You need some squared paper.

You can tell from your photos that Log Inc's headquarter building, a pre-fabricated structure, is based on cubes and is shaped like this.



Help with the surveillance operation by drawing a plan, front view and side view for the building.

- B** If you have time, repeat for the sleeping block.



- 2 You need some squared paper.

Some of the advance group have paced round the perimeter of Log Inc's compound. They have found that it is L-shaped and 1 kilometre long.

Choose a suitable scale and draw a possible scale plan of the compound.

Write the scale you have chosen next to your drawing.

Label each side of the L-shape with its actual length in metres.

Work out the actual area of the compound you have drawn.

- 3 Pairs from a group of nine will observe the gates of the compound for 3 days.

Everyone in the group will do one shift with each other person, so that each pairing is different and skills are shared. All the shifts will be of equal length.

How long will each shift be?