

The girl has made a tower of 8 blocks but it is not quite tall enough. Children may estimate the height of the book is 9 or 10 blocks. Children consider the scale to find suitable classroom objects and measure the length and height with the blocks provided.



The yellow paintbrush is the longest. Children should demonstrate how they could prove it by suggesting suitable non-standard units to measure the length of each paintbrush.

Children should suggest using longer non-standard units to measure taller objects. (They must ensure that the objects they choose are of a standard size.)

False. The truck and the train are not the same length because the building blocks used to measure them are different lengths.



False. The height of the doll's house is 8 cubes tall. The girl should place the first cube at the bottom of the house and the last block should finish at the top of the house.

False. There are 3 cars on each box but there are gaps between the first set of cars.

The garage needs to be made longer and taller to fit the bus in. Children could demonstrate their understanding by explaining their ideas, using practical equipment with small world figures or by drawing different arrangements.



Josie is not right. She has not used non-standard units accurately to measure length. Examples of top tips:

The units need to be an equal length.

The first unit must be in line with the beginning of the object and the last unit should stop at the end of the object.

There should not be any gaps between the units.