

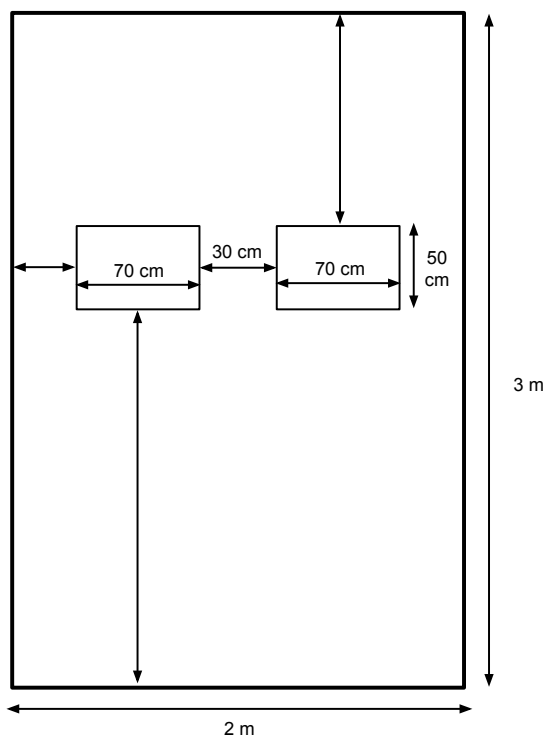
Problem of the Week

Problem A

Picture Perfect

Two pictures, each 70 cm wide and 50 cm tall, are hung on a rectangular wall so that the top of each picture is 2 m above the floor. The wall is 3 m tall and 2 m wide. The pictures are to be hung so that the horizontal distance from the outside edge of each picture to the nearest wall is the same. Two ways of arranging the pictures are being considered.

- a) If the pictures are 30 cm apart on the wall, complete the labels on the following diagram showing where the pictures will be placed on the wall. Note that the diagram is not drawn to scale.



- b) If the horizontal distance from the outside edge of each picture to the nearest wall is to be equal to the distance between the two pictures, how far apart should the pictures be?

STRANDS MEASUREMENT, NUMBER SENSE AND NUMERATION

