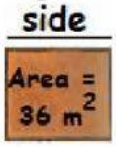
Tuesday 8th June 2021

Worded problems involving area

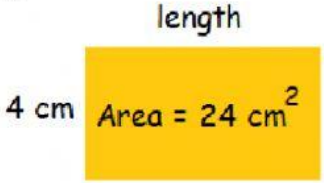
**Task 1:** Click on the link below to watch a video on solving worded problems involving the area of shapes. You can pause the video and work out the problems on your own.

**Task 2:** Answer the following worded problem involving the area of shapes. Click on the box to the right then select your answer.

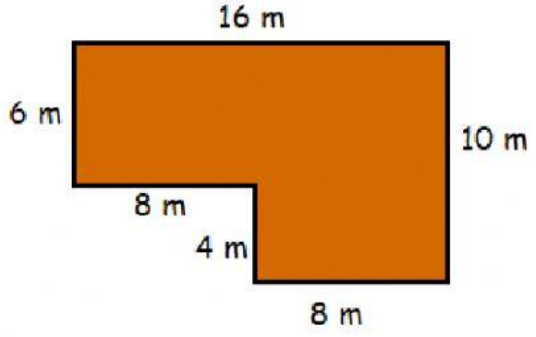
1. The square floor shown below has an area of 36 $m^2$.
   What is the length of a side of the square?




2. What is the length of a rectangle whose area is 24 $cm^2$ and width 4 cm?

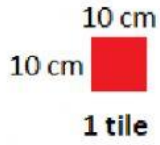



3. Mr. Henry has to carpet the floor area shown below. What area of carpet does he need to carpet the entire floor?

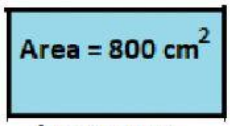



LIVEWORKSHEETS

4. How many square tiles of side 10 cm are needed to cover a larger square of area 800 $cm^2$?




1 tile




larger area

5. A tile has a length of 3 m and a width of 2 m. What area of floor will 12 of the tiles cover?




1 tile

LIVEWORKSHEETS