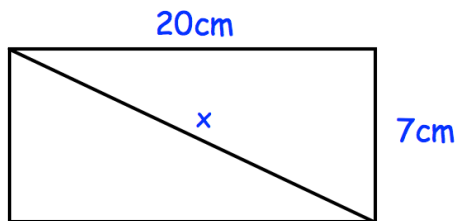


Find the output, if the input is 2.

Find the input, if the output is  $\frac{1}{2}$



Shown is a rectangle.  
Find the length of the diagonal,  $x$ .

Factorise  $y^2 - 9y + 14$

A container exerts a force of 900 Newtons on the floor.  
The pressure on the floor is 100 Newtons/m<sup>2</sup>

Calculate the area of the container that is in contact with the floor.