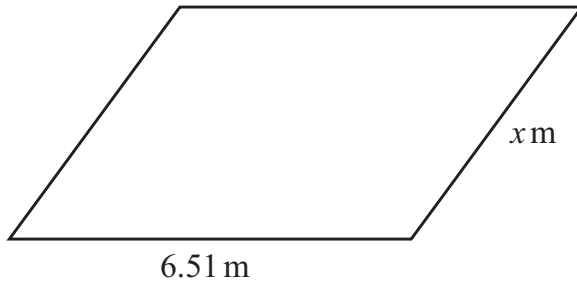


7 The diagram shows a parallelogram.



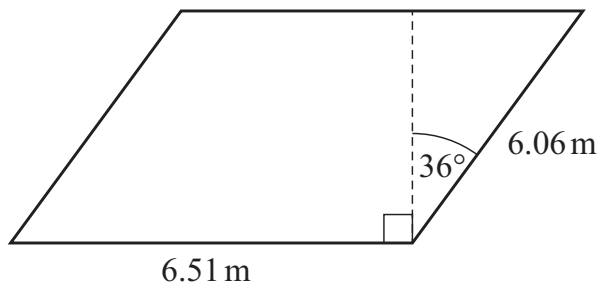
NOT TO  
SCALE

The parallelogram has the same perimeter as a circle with radius 4 m.

(a) Show that  $x = 6.06$  m, correct to 2 decimal places.

[4]

(b)



NOT TO  
SCALE

The floor of a room is in the shape of this parallelogram.  
It costs \$18 per square metre to tile the floor.

Calculate the total cost of tiling the floor.

\$ ..... [4]