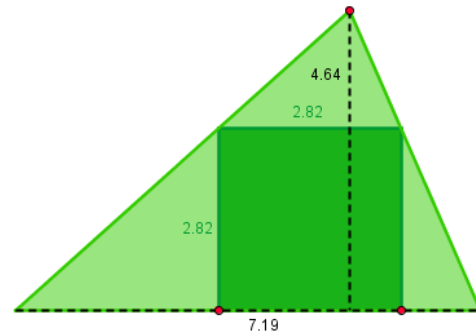


- 1 Use Maths-Pro or Geo-Pro to draw any square.
- 2 Draw a triangle that inscribes the square – an example is shown opposite.
- 3 Measure the base and height of the triangle (shown as dashed lines in the diagram):

base of triangle $b = \underline{\hspace{2cm}}$

height of triangle $h = \underline{\hspace{2cm}}$



- 4 Measure the side length of the square:

side length of square $s = \underline{\hspace{2cm}}$

- 5 Calculate $\frac{b \times h}{b + h}$. What do you notice?

- 6 Repeat steps 1 to 5 for a different square/triangle combination.

