

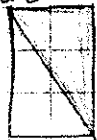
14/1/16

LO: To investigate the area of a triangle

The area of the rectangle is 128 cm but the area of my triangles is 64 cm because it is half of the ~~rectangle~~ rectangle. My triangle is a right angle triangle. The base of my triangle measures 8 cm and the height of my triangle is 16 cm. Together they can make:

- a rectangle
- two ~~two~~ isosceles triangles (both ^{SP} isosceles)
- a kite shape
- a rhombus / parallelogram ^{Both} area

Q: What would their area



be 64 cm



area 64 sure?

Excellent.

I have learnt that cutting a rectangle in half can create two right angle triangles and two triangles. The area of these triangles you multiply base by height to give you the area of the rectangle. 