Where does it work?

Area: Parallelograms

Parallelograms have opposite sides equal in length and parallel (always the same distance apart).



The shortest distance between a pair of parallel sides is called the perpendicular height

Rectangle

We can make them look like a rectangle by cutting the triangle off one end and moving it to the other.

height



Parallelogram

move triangle cut off

: Area of a parallelogram = Area of the rectangle formed after moving triangle

 $= \text{length} \times \text{perpendicular height units}^2$

 $= l \times h$ units²





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