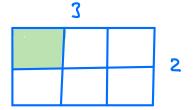
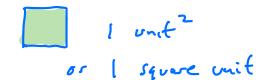
Area and Perimeter

Rectangle



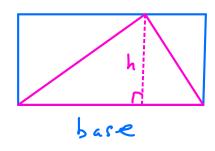




Perimeter =
$$L + W + L + W$$

= $2L + 2W$
= $2(L+W)$

Triangle

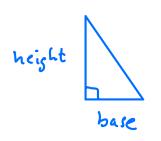


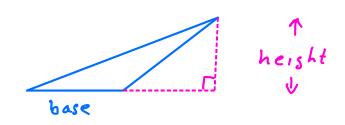
height h

The area of the triangle is helf the area of the rectangle it is enclosed in

Area of triangle =
$$\frac{base \times height}{2}$$

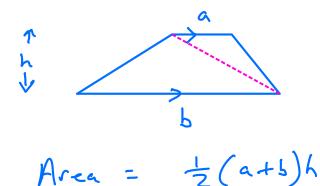
or { base x height





Notice that depending on which side is chosen as the base the perpendicular height may need to be measured from outside the triangle

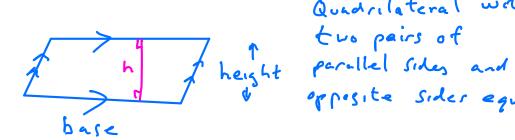
Trapezium



A quadrilateral with one pair of parallel sides

Basically the trapezium is the sum of two triangles Zah + 255 = = (a+b) h

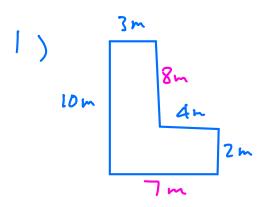
Parallelogram



Quadrilateral with opposite sider equal

= base x height

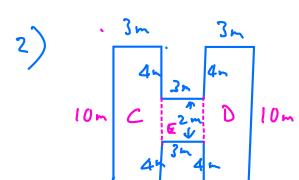
Composite Shapes - Area and Perimeter



$$A = 10 \times 3 = 30$$
 $B = 4 \times 2 = 8$
Total Area 38 m^2

$$C = 8 \times 3 = 24$$

 $0 = 7 \times 2 = 14$
Total Area = 38 m²



Perimeter
3+4+3+4+3+10+3+4+3+4+3+10
= 54m

Area
$$C = 10 \times 3 = 30$$

 $D = 10 \times 3 = 30$
 $E = 3 \times 2 = 6$
Total Area $66 \times n^2$