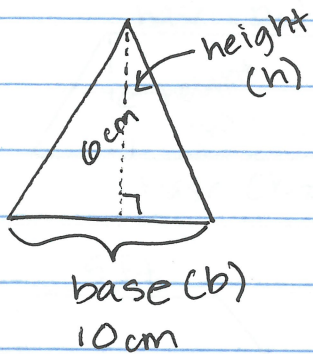


Area of Triangles and Parallelograms

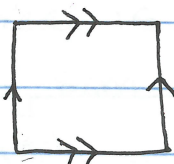


$$A = \frac{1}{2}(b)(h) \text{ OR } \frac{bh}{2}$$

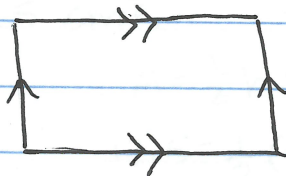
Ex. $A = \frac{1}{2}(10)(6)$

$$A = 30 \text{ cm}^2$$

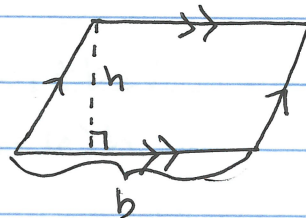
Parallelograms: Quadrilateral with two sets of parallel sides.



$$A = lw$$

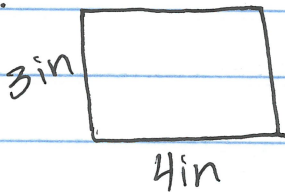


$$A = lw$$



$$A = bh$$

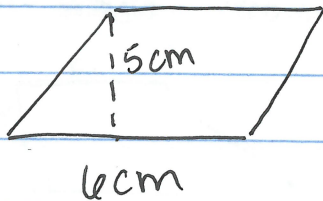
Ex.



$$A = 3(4)$$

$$A = 12 \text{ in}^2$$

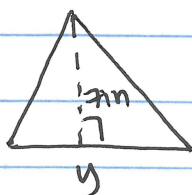
Ex.



$$A = 5(6)$$

$$A = 30 \text{ cm}^2$$

Ex.



$$A = 35 \text{ in}^2$$

$$A = \frac{1}{2}bh$$

$$35 = \frac{1}{2}(7)y$$

$$\frac{35}{3.5} = \frac{3.5y}{3.5}$$

$$y = 10 \text{ in}$$