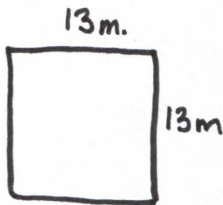


Dimension: the 2 side lengths. Uses "x" as "by".

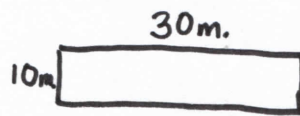


$$381 \text{ m.} \times 292 \text{ m.} =$$
$$381 \text{ m. by } 292 \text{ m.}$$

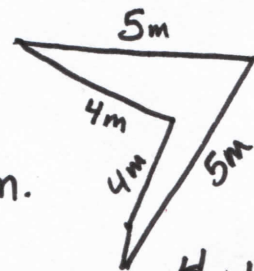
Perimeter: the length around the RIM of the shape.  
You ADD all the sides.



$$13 + 13 + 13 + 13 = 52 \text{ m.}$$

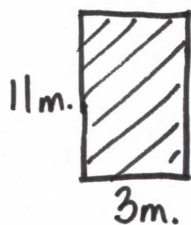


$$10 + 30 + 10 + 30 = 80 \text{ m.}$$

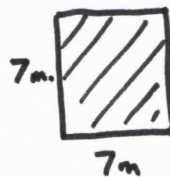


$$5 + 5 + 4 + 4 = 18 \text{ m.}$$

Area: the surface of a shape.  
You MULTIPLY the adjoining sides.

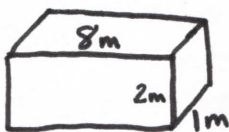


$$11 \times 3 = 33 \text{ m.}^2 =$$
$$33 \text{ m. "squared"}$$

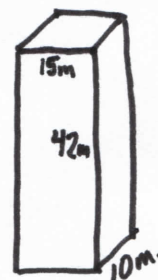


$$7 \times 7 = 49 \text{ m.}^2 =$$
$$49 \text{ m. "squared"}$$

Volume: the amount of space a 3D figure can hold.  
You MULTIPLY the 3 dimensions.



$$8 \times 2 \times 1 = 16 \text{ m.}^3 =$$
$$16 \text{ m. "cubed"}$$



$$15 \times 42 \times 10 =$$
$$6,300 \text{ m.}^3 =$$
$$6,300 \text{ m. "cubed"}$$