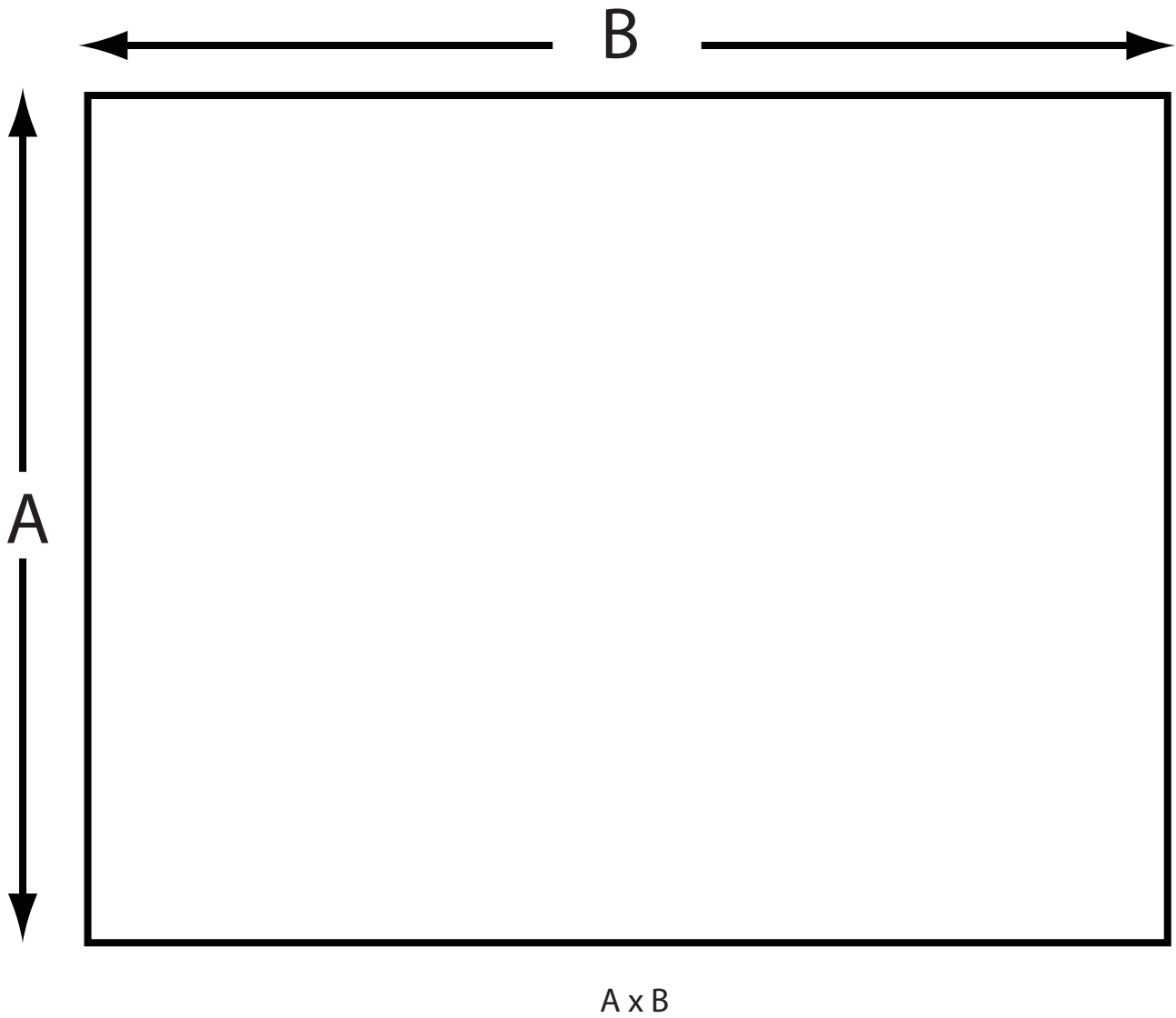


Find the area of a square or rectangle



$$\text{area} = A \times B$$

where

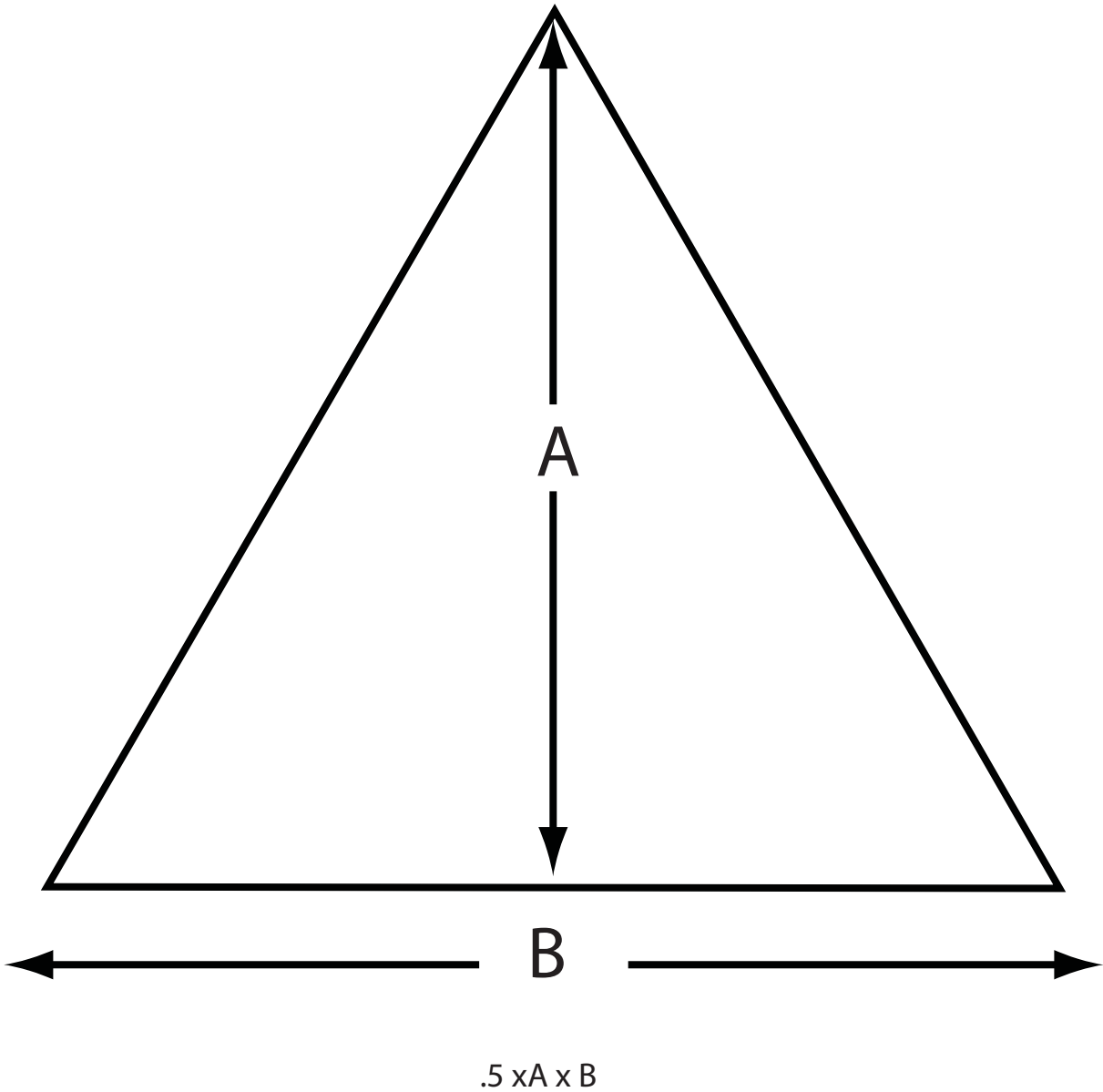
$$A = 10 \text{ metres}$$

$$B = 12 \text{ metres}$$

$$\text{area} = 10 \times 12$$

$$\text{area} = 120 \text{ square metres of turf}$$

Find the area of a triangular shape



$$\text{area} = .5 \times A \times B$$
$$\text{area} = \text{half} \times A \times B$$

where

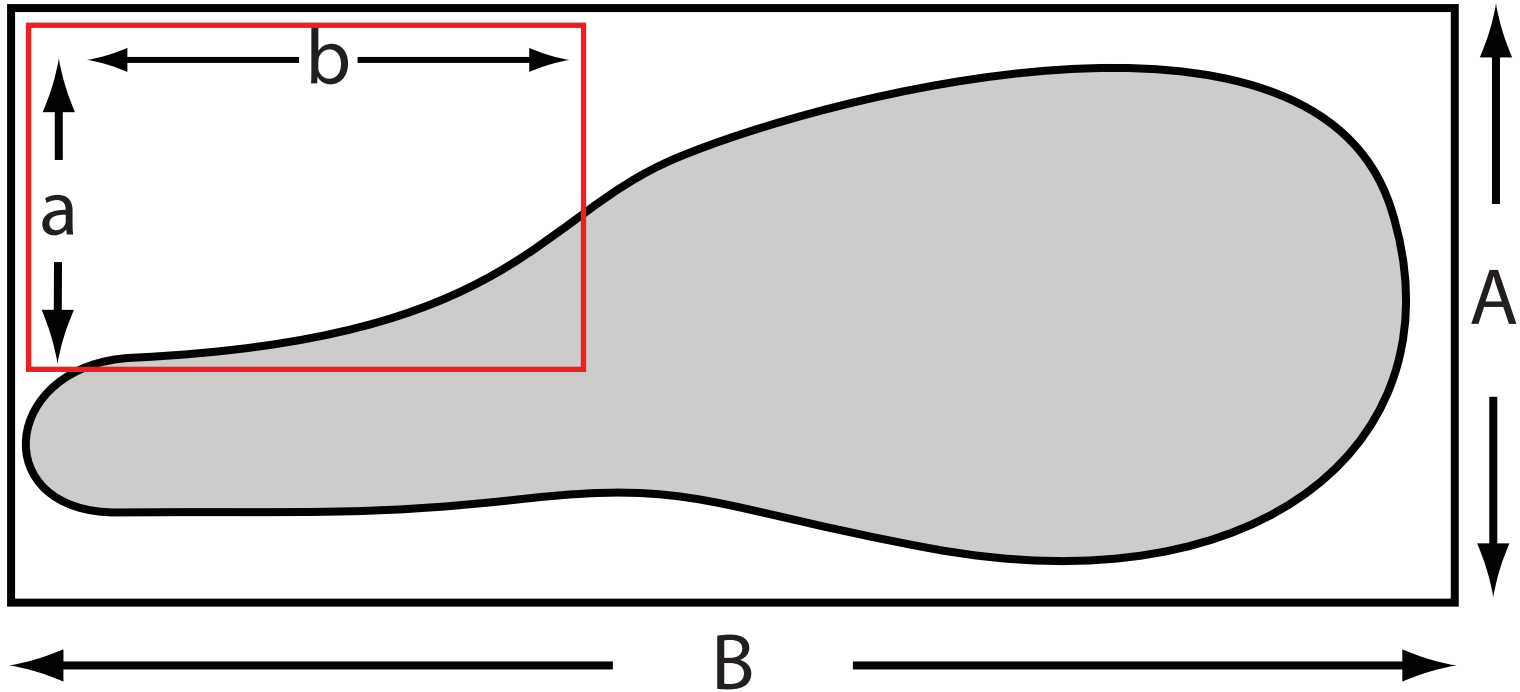
$$A = 5 \text{ metres}$$

$$B = 5 \text{ metres}$$

$$\text{area} = .5 \times 5 \times 5$$

$$\text{area} = 12.5 \text{ square meters of turf}$$

Find the area of a section



Large area = C (black rectangle)

Small area = D (red rectangle)

Subtract D from C (ie small  $a \times b$  from large  $A \times B$ )

Eg

$A = 5$  metres

$B = 10$  metres

$a = 2$  metres

$b = 3$  metres

Find the area of the black box minue the red box

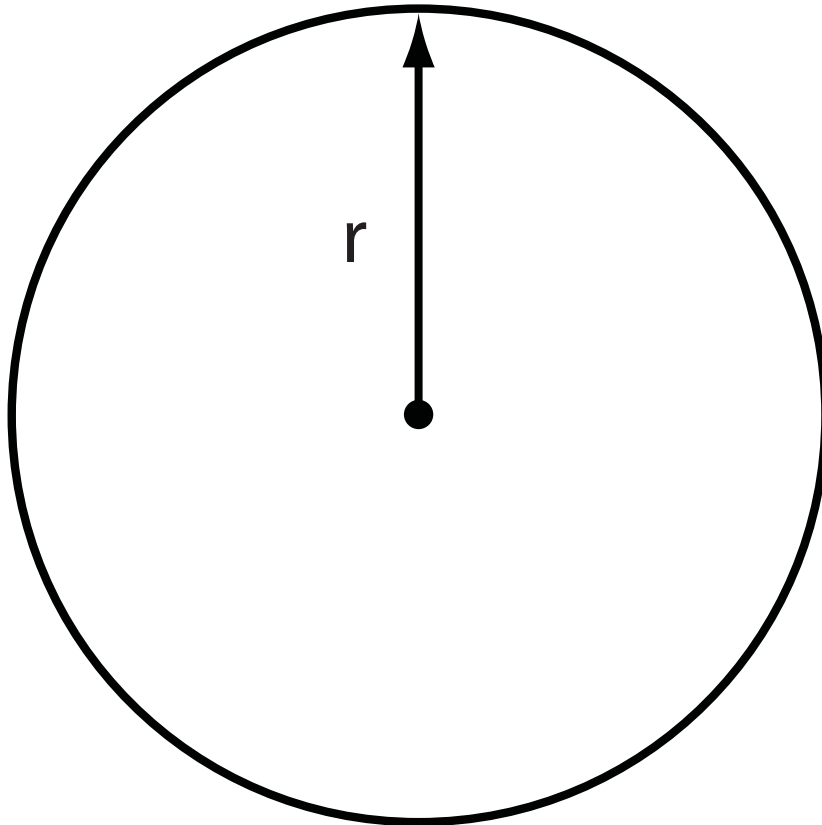
Area =  $(A \times B) - (a \times b)$

areas =  $(5 \times 10) - (2 \times 3)$

area =  $50 - 6$

area = 44 square metres of turf

Find the area of a circular section



The area of a circle is calculated by the following

$$\text{area} = 3.14 \times r^2$$

r = the radius of the circle or the distance from the centre to the outer edge  
this number is multiplied by itself.

Eg

if the radius is 3 metres then the areas required will be

$$\text{area} = 3.14 \times 3 \times 3$$

area = 28.26 square metres of turf required

Sketch the area you would like to turf with Sir Walter



A = the total length of the left side

B = the total length of the right side (do not include if the same as A)

C = the total length across the top

D = the total length across the bottom (do not include if the same as C)

Show the dimensions of any area you do not wish to turf. (mark this areas with diagonal lines)



Make sure all dimensions are in the same units.

IE all measurements should be in metres.

List the total of all areas you do not wish to turf

A =

B =

C =

D =

Total Area

Remove the following areas

1 =

2 =

3 =

Total area to

Total of areas to be removed

be covered with Sir Walter =