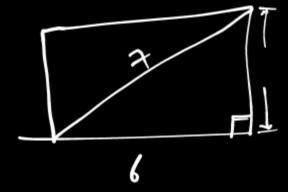
Perimeter and Area of Rectilinear Figures



erimeter and Area & Rechlinar figures







1) Kerlangle

JL = 1.414 a units reimeter a 2 1.5 mile 20 = 25 2 one of the square = ave what would be 121cm aren = 121 ABI + BC = at rat = if e = 11cm

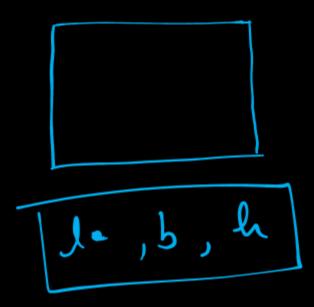
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Area =
$$\frac{3}{2}$$

Area = $\frac{3}{2}$

A $\frac{3}$

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Area of four walls =?
Diagonal of Room =?

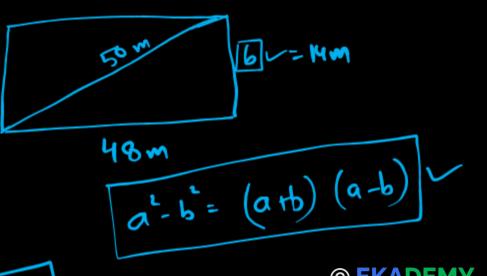
Q. Find the area of a rectangle plot one side found its diagonal is 50 m.

Area = 1xb

Fred: 48×14 m2 = 672 m2

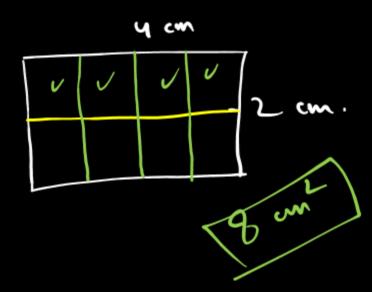
$$50^{2} = 5^{2} + 48^{2}$$
 $6^{2} = 50^{2} - 48$
 $6^{2} = 50^{2} - 48$
 $6^{2} = 196$
 196
 196

 -48^{2} (2)
(b) $b = \sqrt{196} = 14$ b = 14m



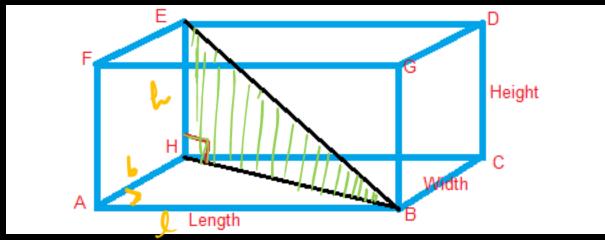
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Area of four walls of a room. = 2(1xh) + 2(bxh) = 2hh + 2bh $= 2h(1+b) \quad units$ $= 2h(1+b) \quad units$

Length of diagonal of the room: \square 12+6+th units



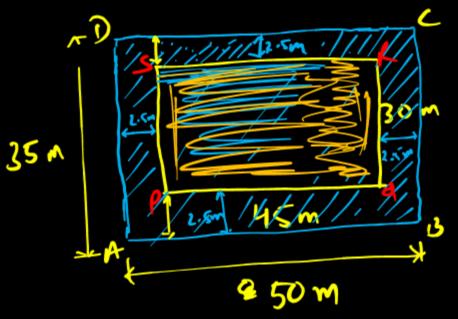
$$AB = J^{2} + b^{2}$$

$$AB = J^$$

a. A rectangular park is 45 m long and 30 m wide. A path 2.5 m wide is constructed outside the park. Find the over of the path.

Area Jrnh =
$$(35 \times 50) - (45 \times 30)$$

= $[1750 - 1350]$ m²
= 400 m^2 .



Q. A rectangular dawn is 30 m by 20 m. It has two roads each 2 m wide running in the middle of it, one parallel to the longth and other parallel to the longth and other

Area provid= $\frac{1}{20}(30 \times 1) + (20 \times 1) - \frac{1}{20}$ $= \frac{1}{20} + \frac{1}{10} + \frac{1}{10}$

$$\frac{2z + 1z + 16 + 2z + 1z}{2z + 1z + 2z + 1z + 2z} = \frac{AB}{AB} = \frac{4z + 60}{6z + 24}$$

6x + 24 = 4x + 60 6x - 4x = 60 - 24 2x = 36 x = 31 = 18

