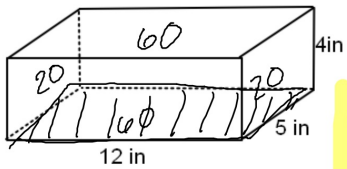
1. Find the surface area of this rectangular prism (box).



$256\ in^2$

SA = 2B + LA

SA = 2B + ph

48 48

2 Bases

Bottom	5
12	

Top	5
12	

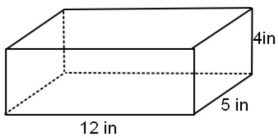
Lateral Area

Front	Right	Back	Left	4
`12	5	12	5	

Surface Area of a Prism or Cylinder

SA = LA + 2B

Surface Area (SA) = Lateral Area + 2 Bases

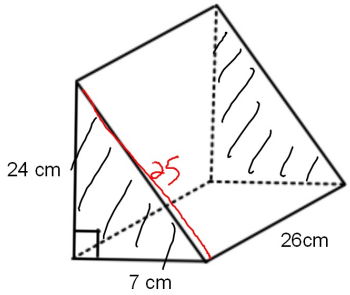


LA = 12(4) + 5(4) + 12(4) + 5(4)

LA = 4(12+5+12+5)

LA = (perimeter of the Base)x(height)

2. Find the Surface Area of this triangular prism.



2B + ph

$2B = \left(\frac{1}{2}(7)(24)\right)2$

2B = 168

LA = (26)(7) + (25)(26) + (24)(26)

= 1456

SA 1624 cm^2