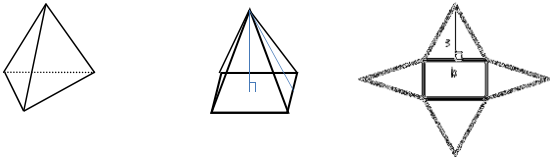


6.1- B- Pyramids



Formula:

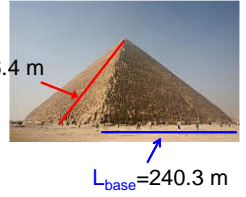
	A_L (Lateral Area)	$A_T = A_L + A_b$ (Area total)
Pyramid	$\frac{P_b S}{2}$	$\frac{P_b S}{2} + A_b$

1

	A_L (Lateral Area)	$A_T = A_L + A_b$ (Area total)
Pyramid	$\frac{P_b S}{2}$	$\frac{P_b S}{2} + A_b$

Ex 1: Find the surface area of the pyramid of Giza.

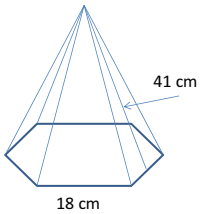
$S=186.4$ m



2

	A_L (Lateral Area)	$A_T = A_L + A_b$ (Area total)
Pyramid	$\frac{P_b S}{2}$	$\frac{P_b S}{2} + A_b$

Ex 2: P. 182 # 18c)

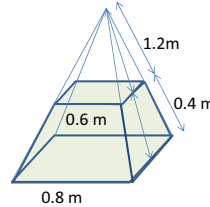


3

	A_L (Lateral Area)	$A_T = A_L + A_b$ (Area total)
Pyramid	$\frac{P_b S}{2}$	$\frac{P_b S}{2} + A_b$

Ex 3: P. 182 # 22

$A_T = A_L \text{ BIG PYR} - A_L \text{ Small pyr} + A_{\text{upper base}}$



4

Practice:
page 182 # 18, 20, 21, 23,24,25



5