Surface Area of Pyramids

Name_____

Date_____ Pd_____

slant
HeiGHt
ℓ

PYRAMID

6 cm
5 cm
5 cm
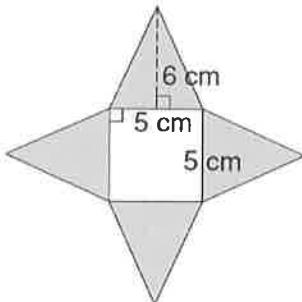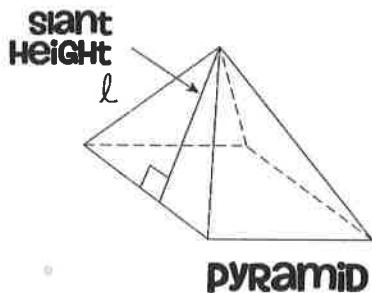
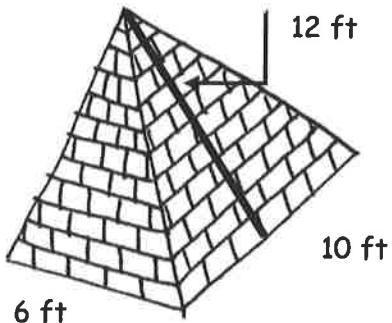SURface aRea = aRea of __bases__ + aRea of __lateral faces__

12 ft

10 ft

6 ft

foRMulas

PYRAMID {lateral}

$L = \frac{1}{2} P \ell$

↗ perimeter → slant height

PYRAMID {total}

$S = \frac{1}{2} P \ell + B$ → area of base

Find the total surface area of the figure.

	Steps	Work
1.	Shade and name the base	Rectangle
2.	Name of the object	Rectangular Pyramid
3.	Total or Lateral surface area?	Total
4.	Formula from formula chart	$S = \frac{1}{2} P \ell + B$
5.	Plug in numbers	$S = \frac{1}{2}(32)(12) + 60$
6.	Solve	$S = 252$ sq ft
7.	Answer with units	252 ft^2