Surface Area of a Hexagonal Pyramid

N	ame: Date:
	To find the surface area of a hexagonal pyramid (A = 3as + 3bs).
1)	What is the surface area with a base length of $\frac{2}{5}$ inch, apothem length $\frac{1}{5}$ inch and a slant height of $\frac{3}{5}$ inch?
2)	The surface area of a hexagonal pyramid is given by 4752 square inches and the side length is 33 inches and apothem length 11 inches. Find the slant height of the hexagonal pyramid.
3)	Find the surface area of a hexagonal pyramid with a base area of 2079 square millimeters and a slant height of 42 millimeters, the side length is 33 millimeters and apothem length 21 millimeters?
4)	Find the surface area with a base length of 47meters, apothem length 35meters and a slant height of 49meters.
5)	Find the base area of the hexagonal pyramid whose slant height is 45meters and the side length is 37meters and apothem length 27meters.
6)	What is the base area of the hexagonal pyramid whose lateral edge is 52yards, apothem length 34 yards and the side length is 46yards?
7)	Find the surface area of a hexagonal pyramid with apothem length of 29meters, and a slant height of 44meters and side length 39meters?
8)	The surface area of a hexagonal pyramid is 3750square centimeters, apothem length 20centimeters and the side length is 25centimeters. Find the slant height of the hexagonal pyramid.

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