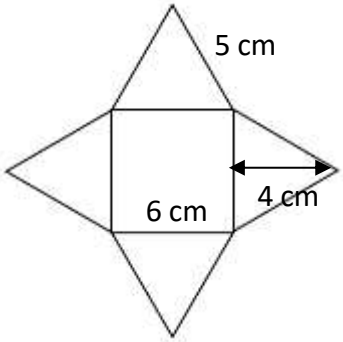
Name Date

SURFACE AREA OF SQUARE PYRAMIDS 1

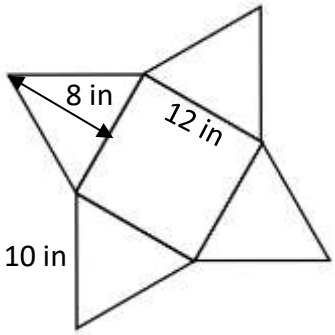
Each of these pyramids is made from a square and 4 identical isosceles triangles.

1)



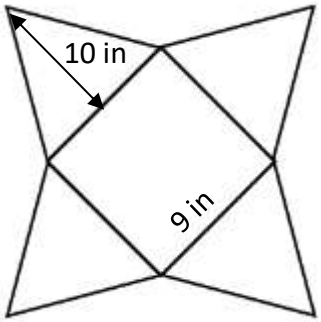
Surface area

2)



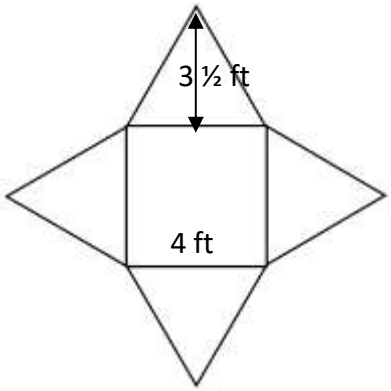
Surface area

3)



Surface area

4)



Surface area

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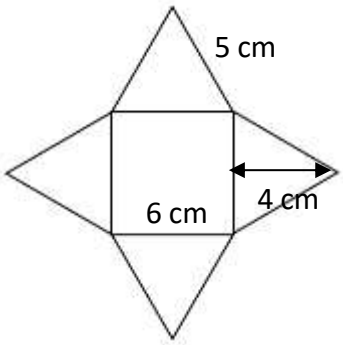
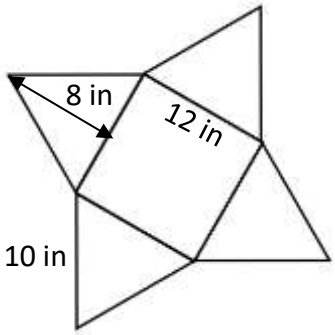
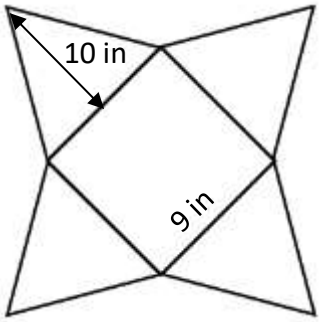
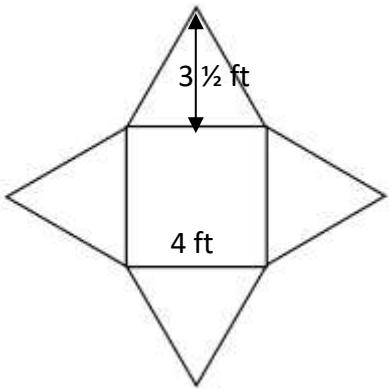
SURFACE AREA OF SQUARE PYRAMIDS 1 ANSWERS

1)		Surface area Square face: 6 x 6 = 36 cm^2 Triangular face: ½ x 4 x 6 = 12 cm^2 Surface area = 36 + 4 x 12 = 36 + 48 = 84 cm^2
2)		Surface area Square face: 12 x 12 = 144 in^2 Triangular face: ½ x 12 x 8 = 48 in^2 Surface area = 144 + 4 x 48 = 144 + 192 = 336 in^2
3)		Surface area Square face: 9 x 9 = 81 in^2 Triangular face: ½ x 9 x 10 = 45 in^2 Surface area = 81 + 4 x 45 = 81 + 180 = 261 in^2
4)		Surface area Square face: 4 x 4 = 16 ft^2 Triangular face: ½ x 4 x 3 ½ = 7 ft^2 Surface area = 16 + 4 x 7 = 16 + 28 = 44 ft^2

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