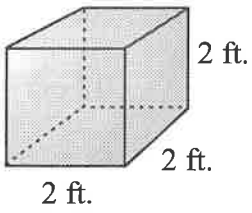
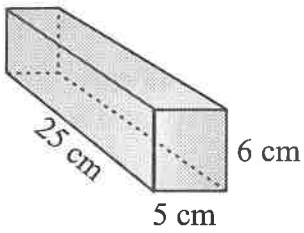
Name _____

Period _____

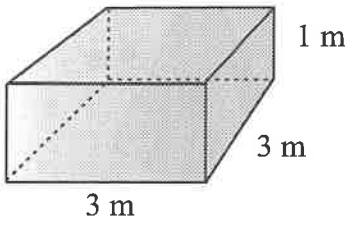
Find the surface area of the following cubes and prisms.

1. 

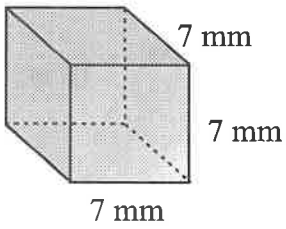
$SA =$ _____

2. 

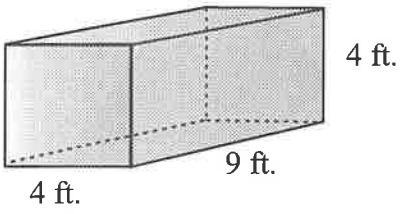
$SA =$ _____

3. 

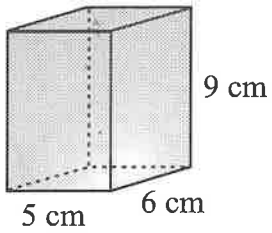
$SA =$ _____

4. 

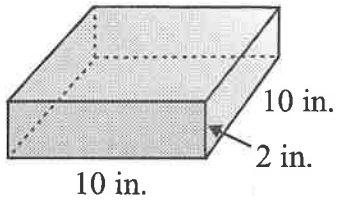
$SA =$ _____

5. 

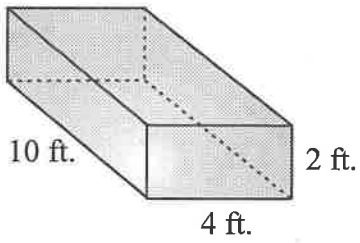
$SA =$ _____

6. 

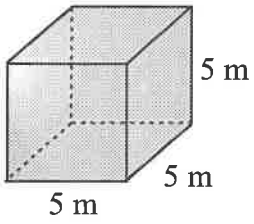
$SA =$ _____

7. 

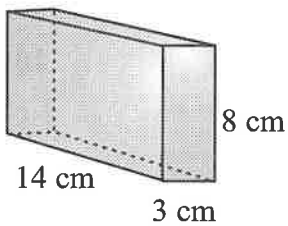
$SA =$ _____

8. 

$SA =$ _____

9. 

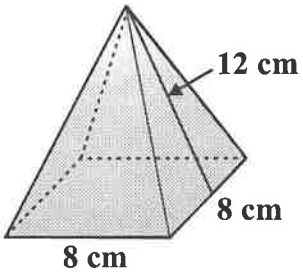
$SA =$ _____

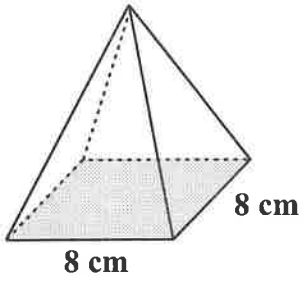
10. 

$SA =$ _____

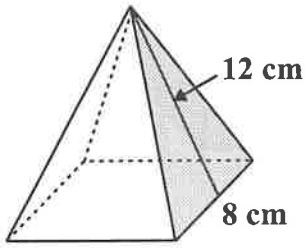
PYRAMID

The pyramid below is made of a square base with 4 triangles on the sides.





Area of square base:
$A = l \times w$
$A = 8 \times 8 = 64 \text{ cm}^2$

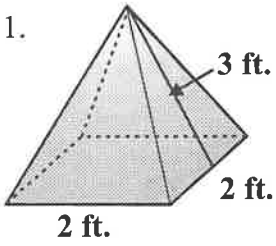


Area of sides:
Area of 1 side = $\frac{1}{2}bh$
$A = \frac{1}{2} \times 8 \times 12 = 48 \text{ cm}^2$
Area of 4 sides = $48 \times 4 = 192 \text{ cm}^2$

Total surface area: $64 + 192 = 256 \text{ cm}^2$

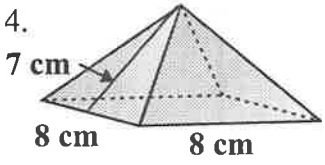
Find the surface area of the following pyramids.

1.



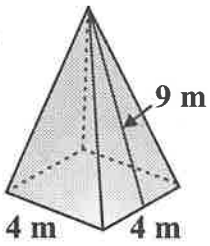
SA = _____

4.



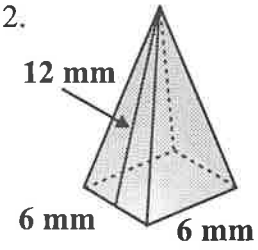
SA = _____

7.



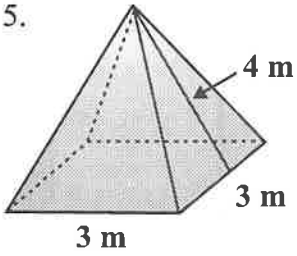
SA = _____

2.



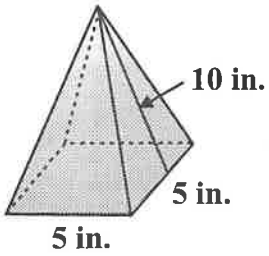
SA = _____

5.



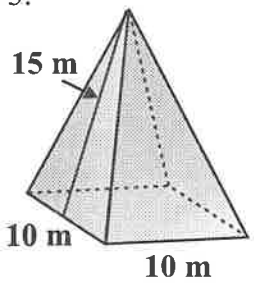
SA = _____

8.



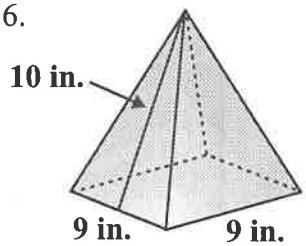
SA = _____

3.



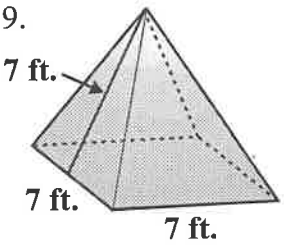
SA = _____

6.



SA = _____

9.



SA = _____