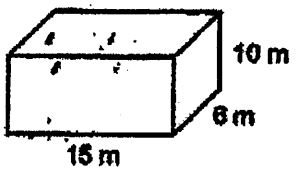
9. **Find the surface area of this right rectangular prism.**

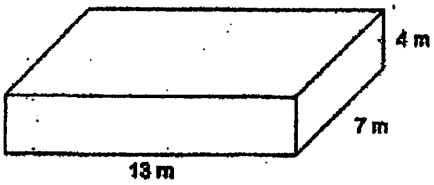


Show work here:

a) 420 m^2 b) 300 m^2 c) 600 m^2 d) 480 m^2

10. **The Drama Club plans to paint the outside walls of this box to be used as a second level to their stage. Find the surface area of the box.**

SHOW WORK HERE:

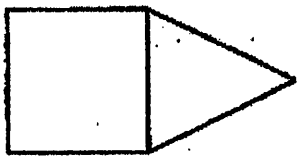


a) 48 m^2 b) 342 m^2 c) 364 m^2 d) 171 m^2

Show work here:

11. **The area of one face of a cube is 25 cm^2. What is the surface area of the cube?**
a) 100 cm^2 b) 150 cm^2 c) 30 cm^2 d) 125 cm^2

12. This is an incomplete net for a triangular prism. What shapes do you add to complete this net?

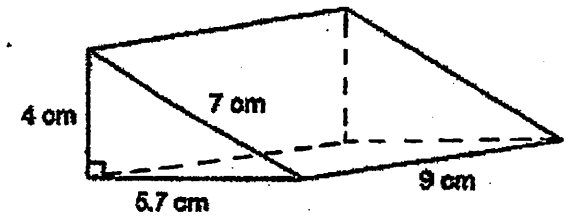


a) 3 squares
b) 1 triangle and 2 squares
c) 1 triangle and 3 squares
d) 3 triangles

13. **Find the surface area of this right triangular prism.**

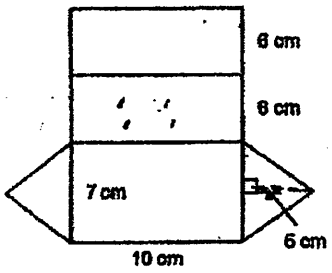
SA =

Show work here:



14. **Calculate the area of this net of a right triangular prism.**

Show work here:



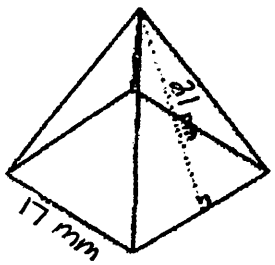
a) 225 cm^2 b) 207.5 cm^2 c) 165 cm^2 d) 147.5 cm^2

Surface Area Test Review

Name _____ Date _____ Period _____

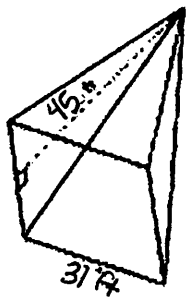
Find the surface area for numbers 1-3.

1)



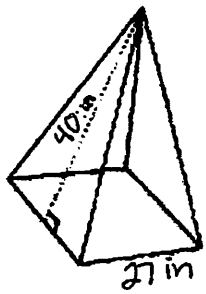
Surface Area = _____

2)



Surface Area = _____

3)

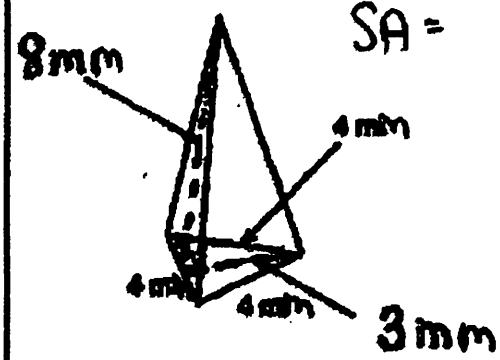


Surface Area = _____

4. Elaine's room is in the shape of a rectangular prism 15 feet long, 12 feet wide and 10 feet tall. Elaine paints the four walls and the ceiling, but not the floor. How much surface are does Elaine paint?

_____

5)



SA =

6) Each of the faces of a triangular pyramid has a base of 16 cm and a height of 20 cm. Find the surface area of this 3-D object.

SA =

7) Each of the faces of a triangular pyramid has a base of 12 ft and a height of 14 ft. Find the surface area of this 3-D object.

SA =

8) Each of the faces of a triangular pyramid has a base of 15 inches and a height of 30 inches. Find the surface area of this 3-D object.

SA =