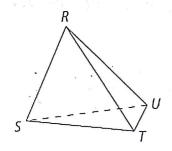
Problem 1

How many vertices, edges, and faces are in the polyhedron below? List them.



$$V=4$$
 R, U, S, T
 $F=4$ RUT, RUS, RST, SUT
 $E=6$ RU, RT, RS, SU, ST, TU

Problem 4

A soup can is 4.5 in. high and has a diameter of 3 in. How much paper is needed to make a label that will completely cover the sides of the can without overlap?

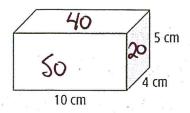


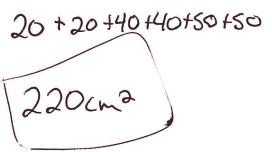
LA=27rh 27(1.5)(45) 40(42.41n2

If looking for SA add 2B or LA

Problem 1

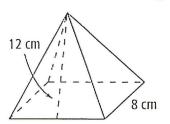
What is the surface area of the prism below? Use a net.

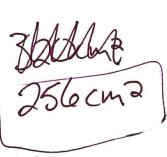




Problem 1

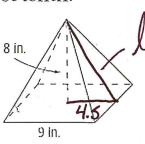
What is the surface area of the square pyramid with base edges of 8 cm and a slant height of 12 cm?





Problem 2

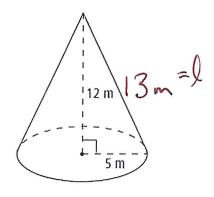
What is the lateral area of a pyramid with a height of 8 in. and a square base that measures 9 in. on each side? Round to the nearest tenth.



$$9.2 = 1$$
 $LA = 1/2P1$
 $p = 9.4 = 36$
 $2(36)(9.2) = 165.6 in 2$

Problem 3

What is the lateral area of the cone in terms of π ?



SA add Ara to LA

Problem 2

What is the surface area of the prism below?

