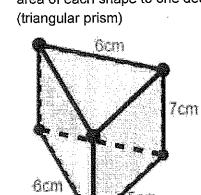
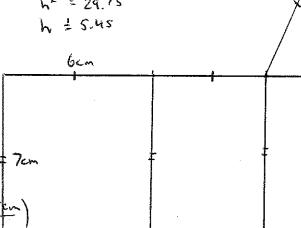
Surface Area 3 - Nets and Surface Area

Block: Yippie

Draw <u>proportional</u> nets for the following shapes. Appropriate measurements should be included for each side-length, with hash marks to indicate equal side-lengths. Then, compute the surface area of each shape to one decimal place.

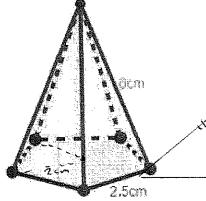


 $h^2 + 2.5^2 = 6^2$ $h^2 + 6.25 = 36$ $h^2 = 29.75$ h = 4.545



SA=3 Is to 2 transles

(regular pentagonal pyramid) Label all sides properly!



$$h_{1}^{2}+(1.25cn)^{2}=(2cn)^{2}$$

 $h_{1}^{2}+1.5625cn^{2}=4cn^{2}$
 $h_{2}^{2}=2.4375cn^{2}$
 $h_{2}^{2}=1.56cn$

 $h_1^2 + (1.25 \text{cm})^2 = (6 \text{cm})^2$ $h_1^2 + 1.5625 \text{cm}^2 = 36 \text{cm}^2$ $h_1^2 = 34.4375 \text{cm}$ $h_1 = 5.87 \text{cm}$

Sim

