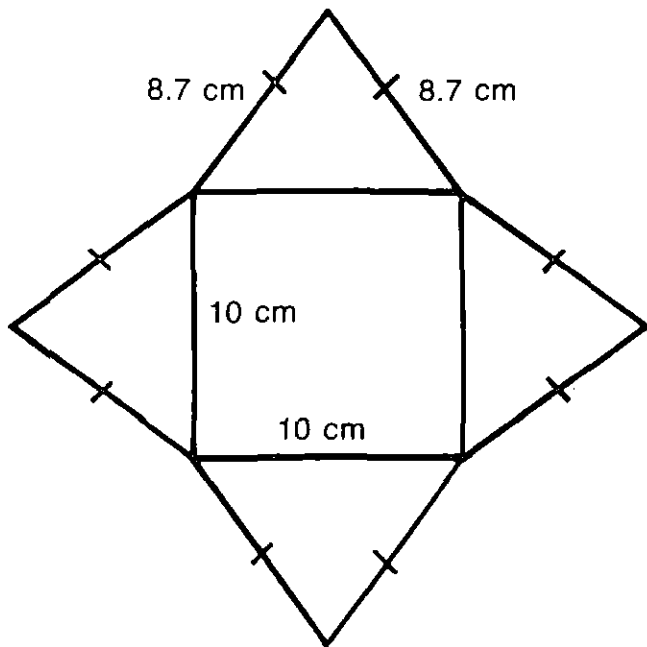


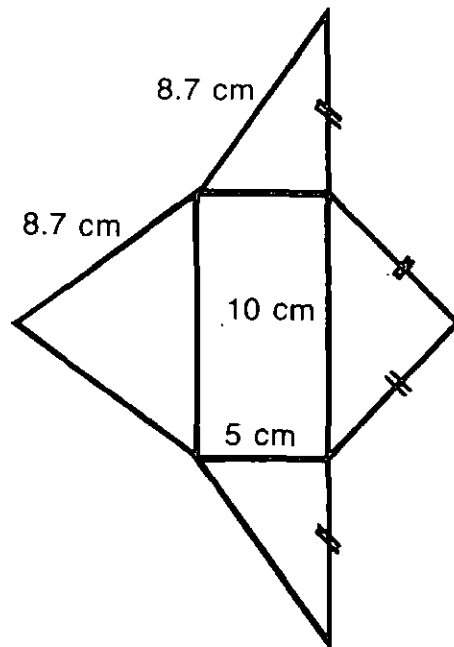
49.

Volume of a Pyramid

Use manila paper to make:



Make 1 of these.

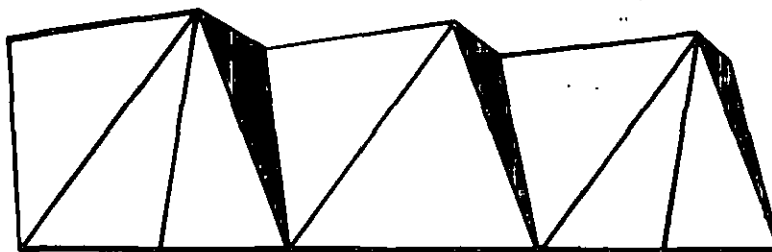


Make 4 of these.

Cut out, fold, and stick together to make 5 pyramids.

These 5 pyramids can be arranged so that 3 equal, identical pyramids are produced, and they can also be assembled to make a cuboid measuring 10 cm x 10 cm x 5 cm.

Suitably hinged with tape, the model will fold from 3 pyramids into a cuboid, and vice versa.



Since the 3 pyramids make a cuboid, you should be able to deduce the volume of 1 of the pyramids.