2. Calculate the volume of each of the following to the nearest tenth.

(a)

14.7 cm

4.1 cm

8.6 cm

(b)

2.8 cm

7.8 cm

14.3 cm

(c)

18.7 cm

2.1 cm

4.2 cm

(d)

6.1 cm

.22 cm
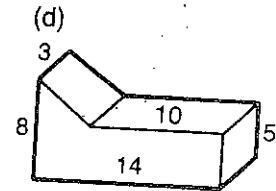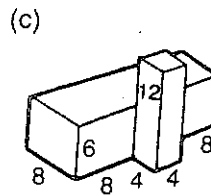
3.5 cm
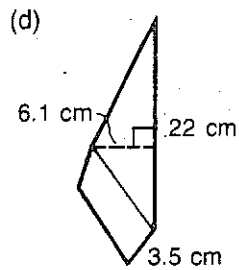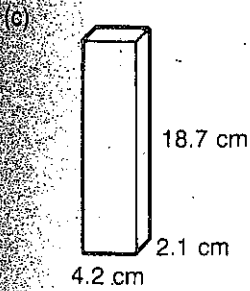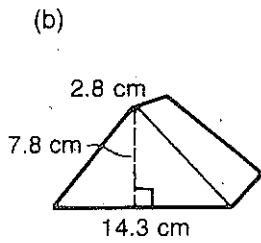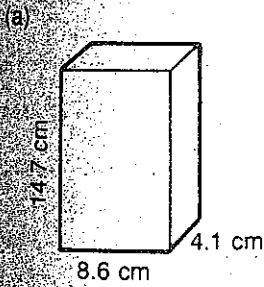
Calculate the volume of wood needed to build these composite shapes.

(a)

8

6

6 8

8

(b)

9   12

3 9 3 9 3

(c)

12

6   8

8   8 4 4

(d)

3

10

8   5

14
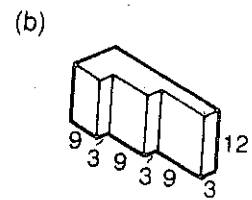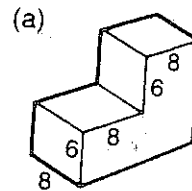
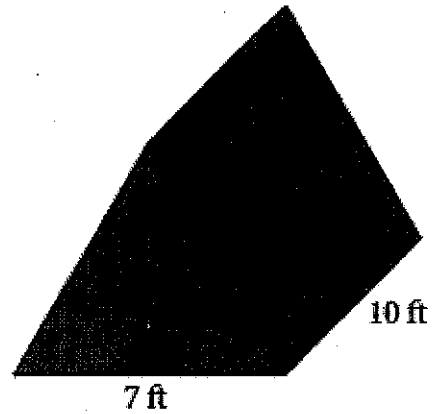A tent is in the shape of an equilateral triangular prism. How much space is there inside the tent?

b) How much material was required to make the tent?

10 ft

7 ft

CONSTRUCTION

The dimensions of a new greenhouse are shown below. How many cubic meters of space will the tree house contain?

2 m

3

6 m

5 m