

Make up 3 rectangular solids using cubic centimetre multi-link blocks.



ľ

ľ

..*

(d) Have students develop blocks of specific dimensions. For example: 4 in a row, 3 rows, 5 high.

Make 2 boxes. Let students fill the boxes with cubes.



Make boxes with the dimensions given or decided upon by the class. Suggested dimensions:

Box	D	6	cm	х	6	cm	х	10	cm
n	73	~			~				

Box E 6 cm x 9 cm x 14 cm

Ask the following questions: How many cubes in a row? How many rows? How many layers? How many cubes in total?

Questions

1-2-2-2-2

.

ļ

ł

- 1. Count the number of cubes in:
 - (a) _____ ?
 - (b) _____ ?
 - (c) _____ ?
- 2. Fill boxes A and B with cubes. How many cubes do you need for:

Box A ____ ?

Box B ____ ?

What is the volume of Box A? _____

What is the volume of Box B? _____

- 3. What is the volume of Box C? ______ What is the volume of Box D? ______ What is the volume of Box E? ______
- 4. What would be the volume of the box that has:
 - (a) 5 cubes in one row
 - 5 rows 5 layers
 - (b) 8 cubes in one row 7 rows
 - 4 layers
 - (c) 11 cubes in one row
 - 8 rows 10 layers

37