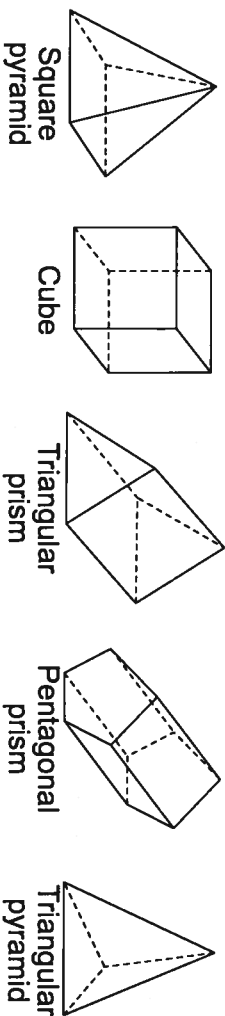


Sorting Solids

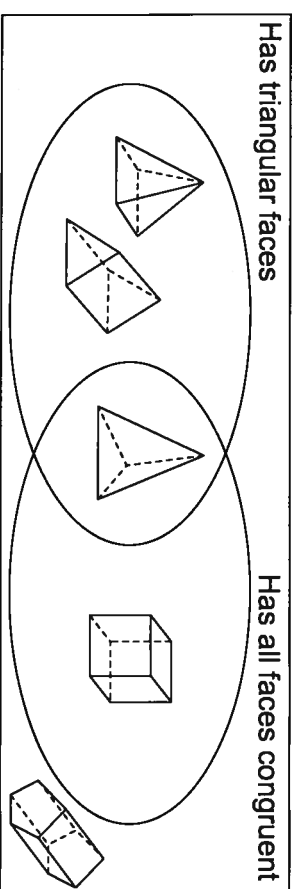
Quick Review

Here are some solids you know.



One way to sort these solids is in a Venn diagram, with these attributes:

- Has triangular faces
- Has all faces congruent



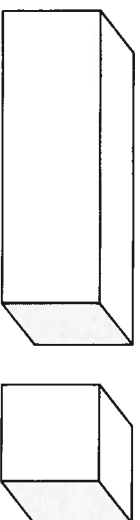
The pentagonal prism has neither of these attributes. It is placed outside the loops.

The sorting rule is:
 Solids with triangular faces and solids with all faces congruent



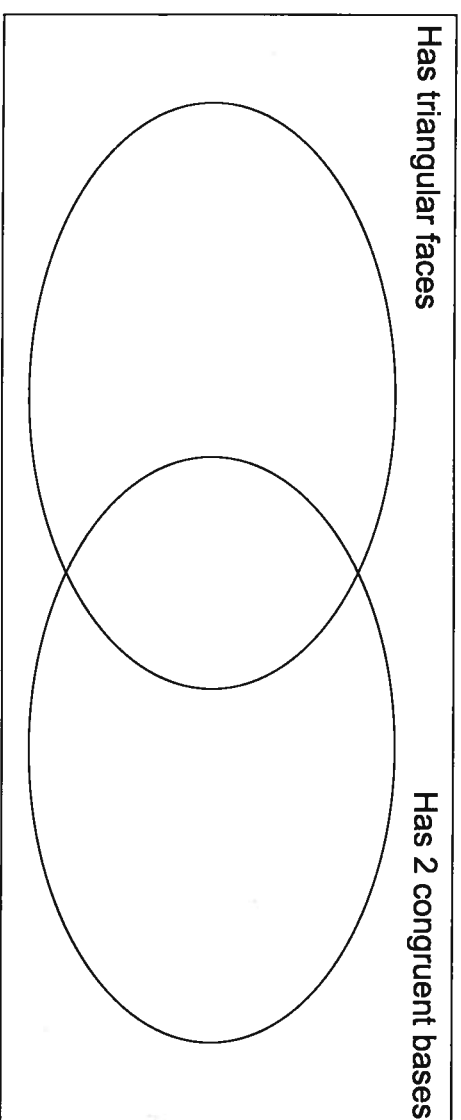
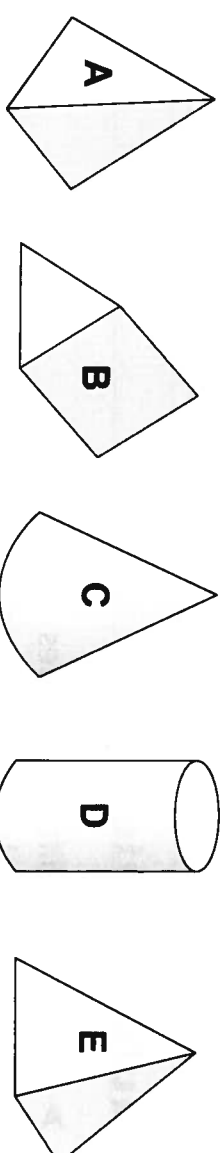
Try These

How are these 2 solids the same? Different?



Practice

1. Sort these solids in the Venn diagram below.



2. Write the names of one or more solids that could answer each riddle.

- a) I have 12 edges. _____
- b) I have 6 vertices. _____
- c) I have 4 faces. _____

Stretch Your Thinking

Find 2 different boxes or containers.
 Tell how they are different and how they are the same.
