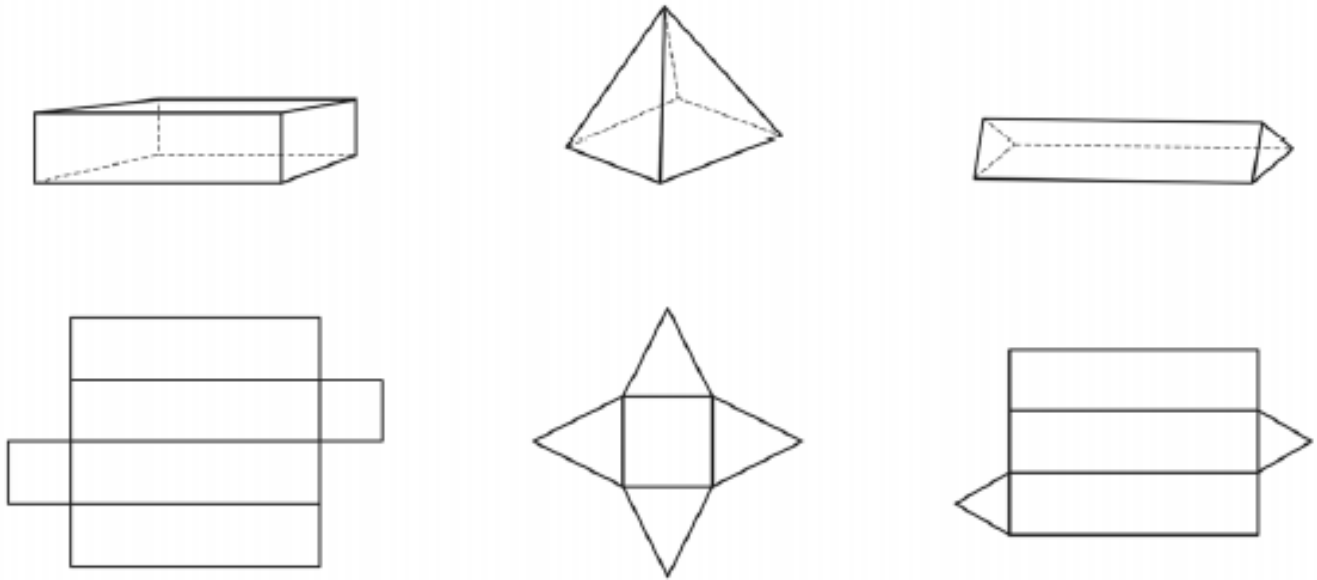


Predicting 3-D Objects from Nets

Geometric Nets



Above we see three solids and a 2-D net that can be folded to make each solid.

Can the parts of each net be rearranged and still fold to give the original solid?

If possible, draw different nets for each solid, cut them out and experiment with various folds trying to answer this question. Grid paper or dot paper will make this task easier.

Separate the nets that work, and the nets that do not work, into two groups.

Do the nets that can be rearranged have anything in common?

Do the nets that cannot be rearranged have anything in common?