

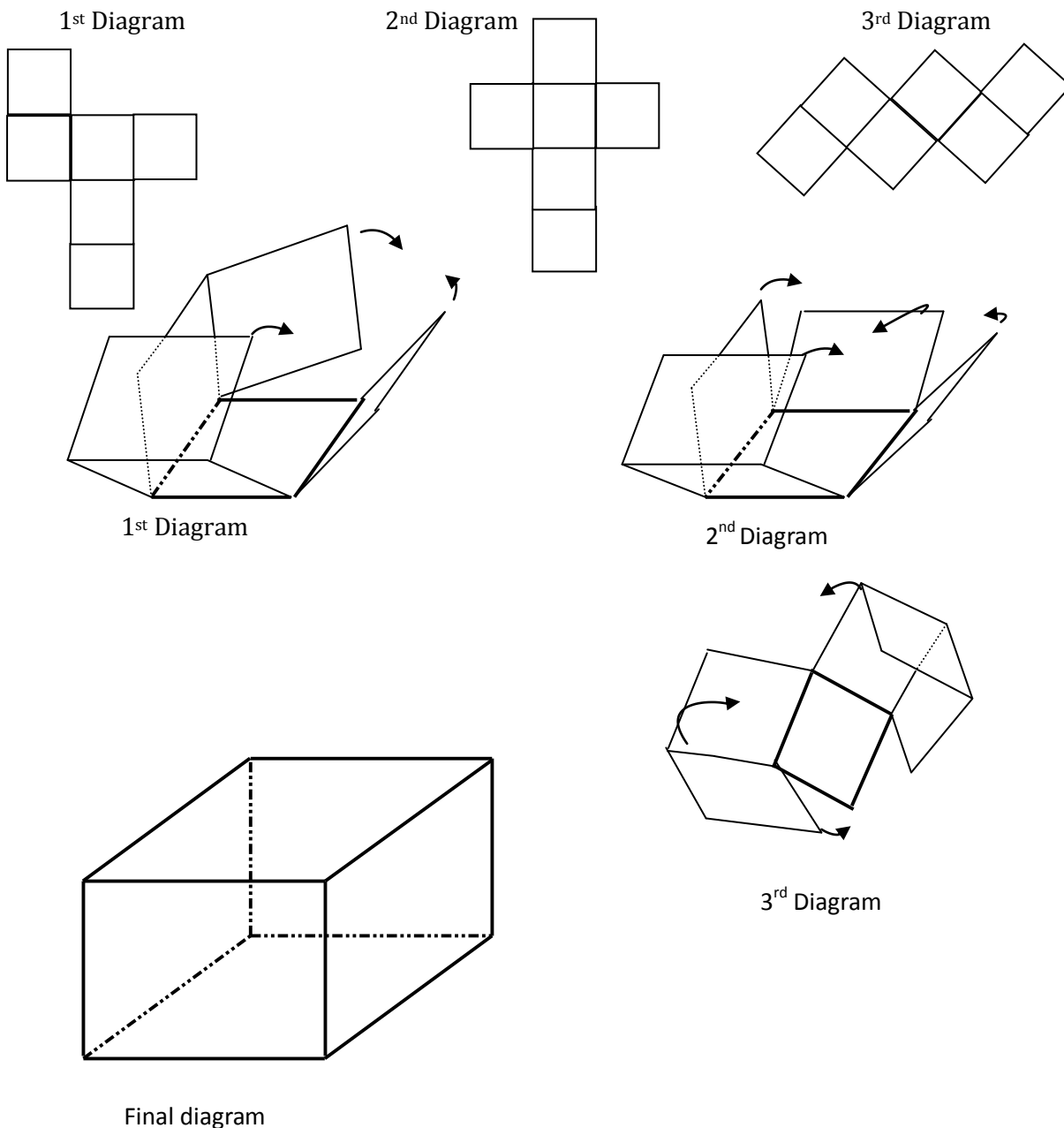
Folding a Cube

Overview: There's more than one way to fold a cube from a flat sheet of paper! In the video that goes with this lesson, I've used Post-It notes since they are square, but you can cut out your own pieces of paper and stick them together with tape.

Materials

- Pencil
- Paper

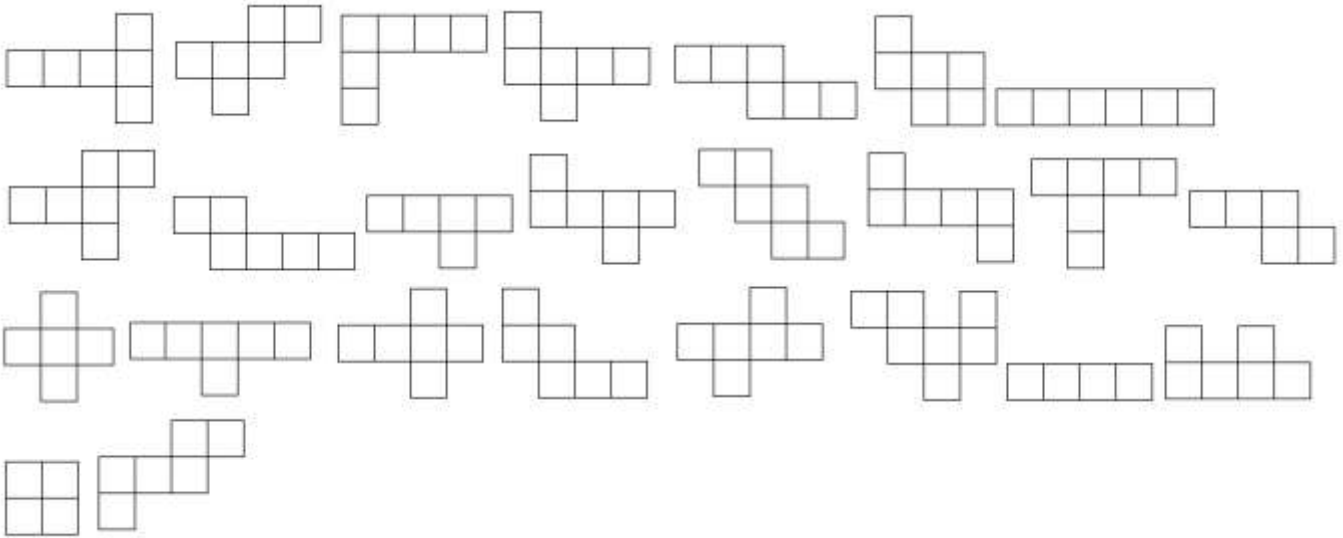
Activity: Do you think that any of these three shapes can be folded to make a cube? Look carefully!



The first, second and third diagrams are folded as shown above to make the final diagram, a complete cube.

Exercises

1. How would you describe a cube?
2. How many faces does a cube have?
3. Which of the following diagrams can be folded into a cube? Circle the ones you think will make a cube!
(Answers are found at the back of this book.)



Answers to Exercises: Folding a Cube

1. A 3 dimensional object with six faces and 12 equal edges
2. 6

