Following Directions is a Valuable Skill

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Read through the directions first before you start.

- Make notes about the steps you need to take to complete the task. Show your notes to the instructor to get your piece of paper.
- If you get stuck, read the directions again out loud and/or collaborate with another student working on the same design.
- Complete at least one design.

Design A: *Read through the directions first before you start.*

Set an 8.5 x 11 piece of paper so the paper is longer up and down than across. Draw a circle in the upper left-hand corner. The circle should have a diameter (width) of 2.5 cm (1 in). In the upper right-hand corner, draw a similar circle in about the same position as the first circle so the two circles are mirror images of each other.

In the bottom left-hand corner, draw a curved line. Start the line on the left edge of the page and curve the line toward the bottom edge of the page. In the bottom right-hand corner of the page, draw a similar curved line starting on the right edge of the page curving the line toward the bottom edge of the page. This line should be a mirror image of the first line.

Flip the paper over so the blank side is up. Fold the top half of the paper down to find the midpoint of the paper. Unfold the paper. Fold the top edge of the paper so it meets the midline crease you just created. Fold the bottom edge of the paper so it meets the midline crease. With the paper folded, flip it over. Now fold the left side and right side of the paper so they meet in the middle.

What do you see? Show your design to your instructor. If your design is incorrect, go back to the directions to troubleshoot.

Design B: *Read through the directions first before you start.*

Fold an 8.5 x 11 piece of paper in half long ways, so the paper is longer than wide.

At the bottom of the page, draw a half circle with a diameter (width) of approximately 7 cm (2.5 in). The open side should be along the bottom edge of the paper. Inside the half circle, write two capital D's to fill the half circle from top to bottom, so that they are in a line, one on top of the other.

At the top of the page, draw a similar half circle. The open side should be along the top edge of the paper. (This should be a mirror image of the 1st half circle.) Inside the half-circle, draw a straight line from the top of the page to about the middle of the half circle. Beneath the straight line, draw a circle—leave a little space between the line and the circle. The circle should be close to the bottom of the half circle.

Fold the paper half to find the midpoint of the paper long ways. Unfold the paper. Turn the paper over so the blank side is face-up. Using the midpoint as a guide, fold down each open end to the midpoint. Flip the paper 180º.

What do you see? Show your design to your instructor. If your design is incorrect, go back to the directions to troubleshoot.

Design C: *Read through the directions first before you start.*

Fold an 8.5 x 11 piece of paper in half long ways, so the paper is longer than wide. Fold it in half again to make the paper squarish. Unfold the second fold.

At the top middle of the page, draw a circle so the edge of the circle aligns with the edge of the paper. The circle should have a diameter (width) of 4 cm (1.5 in). Draw an upside-down smiley face in the circle.

Flip the paper over. Draw a circle so that the edge of the circle contacts the midpoint of the paper (below your second fold). This circle should have a diameter (width) about 6 cm.. Draw another circle beneath this circle so that this circle's top edge touches the bottom edge of the other circle. The last circle should have a diameter (width) of 8-10 cm (3-4 in).

Fold the top edge of the paper down to the midpoint of the paper.

What do you see? Show your design to your instructor. If your design is incorrect, go back to the directions to troubleshoot.

Design D: *Read through the directions first before you start.*

Set an 8.5 x 11 piece of paper so the paper is longer across than up and down. Fold the right side to the left side to find the midpoint of the paper across the long ways. Unfold the paper.

At that midpoint, draw a triangle. The long edge of the triangle should be on the top edge of the paper. The point of the triangle should be on the mid-point crease you just created. The triangle's point should go no lower than about ¼ of the way down the page. Estimate ½ the width of the triangle.

Fold the top edge of the paper to the bottom edge to find the midpoint of the paper up and down. Unfold the paper.

On the right side of the paper, draw a line, starting at the midpoint of the paper and drawing toward the bottom edge of the paper. The distance from the right edge of the paper is ½ the width of the triangle. This line should be about 5 cm long (2 in). Draw another line perpendicular to the right edge of the paper. Start at the bottom of the line and draw toward the right edge of the paper. This should look like a capital L.

On the left side of the paper, draw a line, starting at the midpoint of the paper and drawing toward the bottom edge of the paper. The distance from the left edge of the paper is ½ the width of the triangle. This line should be about 5 cm long (2 in). Draw another line perpendicular to the left edge of the paper. Start at the bottom of the line and draw toward the left edge of the paper. This should be a mirror image of the 1st L.

Turn the paper over so the blank side is up. Fold the left and right sides of the paper so the edges (and the L's) meet in the middle. Fold the top edge of the paper to the midpoint of the paper (to meet the L's)

What do you see? Show your design to your instructor. If your design is incorrect, go back to the directions to troubleshoot.