

Using Logical Reasoning

TAKS Objective 2
TEKS 3.6A

Use logical reasoning to solve each problem.

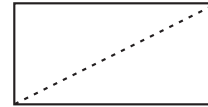
1. I am a polygon with 4 right angles.
I am not a square.

3. Jay says that this figure is a polygon.
Paul says that it is a closed plane
figure, but not a polygon. Who is
correct?

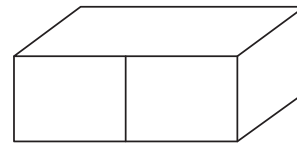


5. Jaun drew a figure with 4 sides,
4 vertices, and exactly two right
angles. Draw Juan's figure. What
kind of figure did Jaun draw?

2. When you draw one diagonal
line across a rectangle, what two
polygons are formed?



4. How many quadrilaterals can you
see in the figure below? If any have
a special name, name it.



6. Lila was asked to draw a closed
figure that resembles an official stop
sign seen on streets throughout the
United States. She drew a round
figure, colored it red, and wrote the
word "STOP" in big, black letters.
Did Lila draw an official stop sign?
Explain.
