

Lesson 2.3.3: Congruent or Similar

Targets:

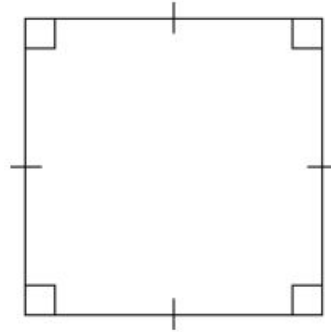
1. I can describe the difference between similar figures and congruent figures.

Warm Up

Follow these steps and write your answers into your notes:

1. Write the definition of a square (if you need to look up the definition, that is okay).
2. Draw an example of a square.
3. Write the definition of a rectangle (feel free to look it up a definition)
4. Draw an example of a rectangle.

5. Is the image to the right a square? Why?



6. Is the image to the right a rectangle? Why?

Summary:

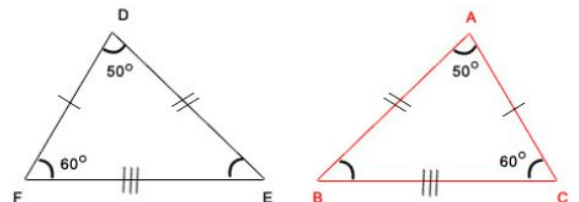
All squares are _____, but not all rectangles are _____.

Similar vs. Congruent

Follow the following steps and write your answers into your notes:

1. Write the definition of "similar" figures.
2. Draw an example of two similar figures.
3. Write the definition of "congruent" figures.
4. Draw an example of two congruent figures.

5. Are the two to the right figures congruent? Why?



6. Are the two figures to the right similar? Why?

Summary:

All congruent figures are also _____, but not all similar figures are also _____.

Exit Ticket

Answer the following questions into your notes:

1. Explain why all squares are rectangles even though all rectangles aren't squares.
2. Draw a figure that is both a square and a rectangle.
3. Explain why all congruent figures are also similar even though similar figures aren't always congruent.
4. Draw two figures that are both congruent AND similar at the same time.