

CONGRUENCY AND SIMILARITY

INSTRUCTIONS

Use the definitions below to help answer the questions.

Congruent shapes are exactly the same size.

Similar shapes have the same shape but may be different in size.

Kevin took a photo of his dog. His mom printed a few different sizes of the photo.



- Which 2 photos are congruent? Explain your thinking.
- Which 2 photos are similar? Explain your thinking.
- Why is photo 1 not similar or congruent to any of the other photos?

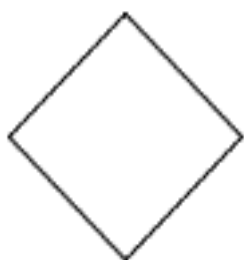
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4. Circle all the triangles that are congruent to each other.

5. Cross out a pair of triangles that are similar to each other.



6. Draw a shape that is similar and a shape that is congruent to this shape.



Similar

Congruent

7. If two shapes are congruent, then they are also similar. Why is this statement true?
8. Is the opposite statement, if two shapes are similar, then they are also congruent, also true? Why or why not?