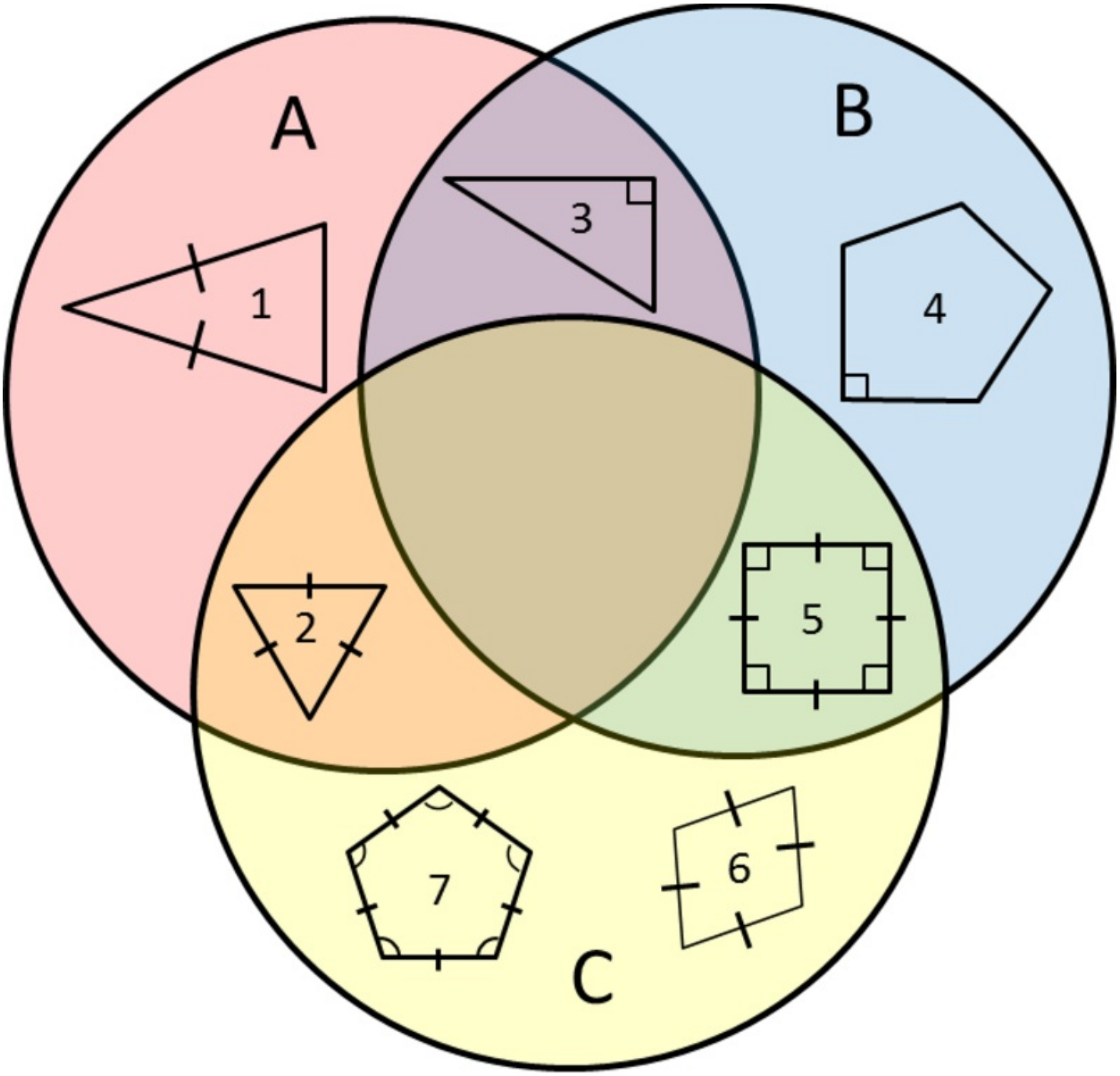
5.G What do these shapes have in Common?

Task

The picture below is called a Venn Diagram. Each circle (A, B, and C) contain shapes that all share at least one characteristic. Some shapes are contained in more than one circle because they share more than one characteristic. For example, shape 3 fits the rule for circles A and B, but not circle C. It lies within circles A and B, but not circle C.

a. What are the characteristics shared by shapes within circle A? Within circle B? Within circle C? Double check to make sure that any shapes that have that characteristic are contained within the circle and any shapes that don't lie outside of the circle.



Characteristics of all shapes contained in Circle A:

Characteristics of all shapes contained in Circle B:

Characteristics of all shapes contained in Circle C:

b. Where would you place a rectangle that does not have four sides of the same length? Why?

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