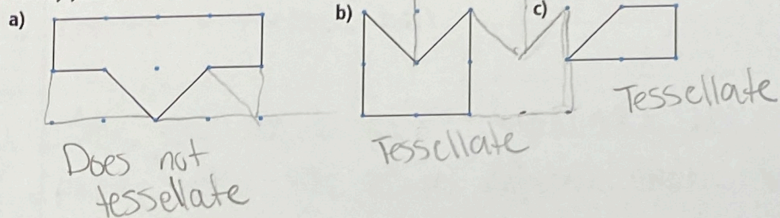


12.2 Constructing Tessellations

Example 1

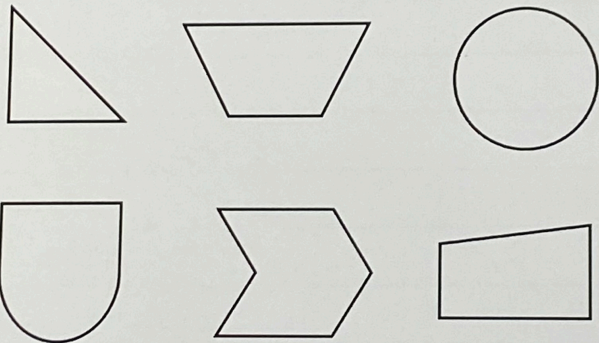
Does each shape tessellate?
Justify your answer.



Show You Know

Which of these 2d shapes tessellate?

Remember you can only use the shape on its own for each pattern.



Example 2

Look at each shape in *Example 1* that does not tessellate.
Try to combine it with other shapes in *Example 1* so that the combined shape tessellates.

How many ways can you do this?

- a + c

- b + c

12.2 Constructing Tessellations

When you can cover a page entirely (no gaps) with the same shape, that shape tessellates and creates a tessellation.

You can tell a shape tessellates if at any point when the vertices (corners) meet, the angles add to 360° .

