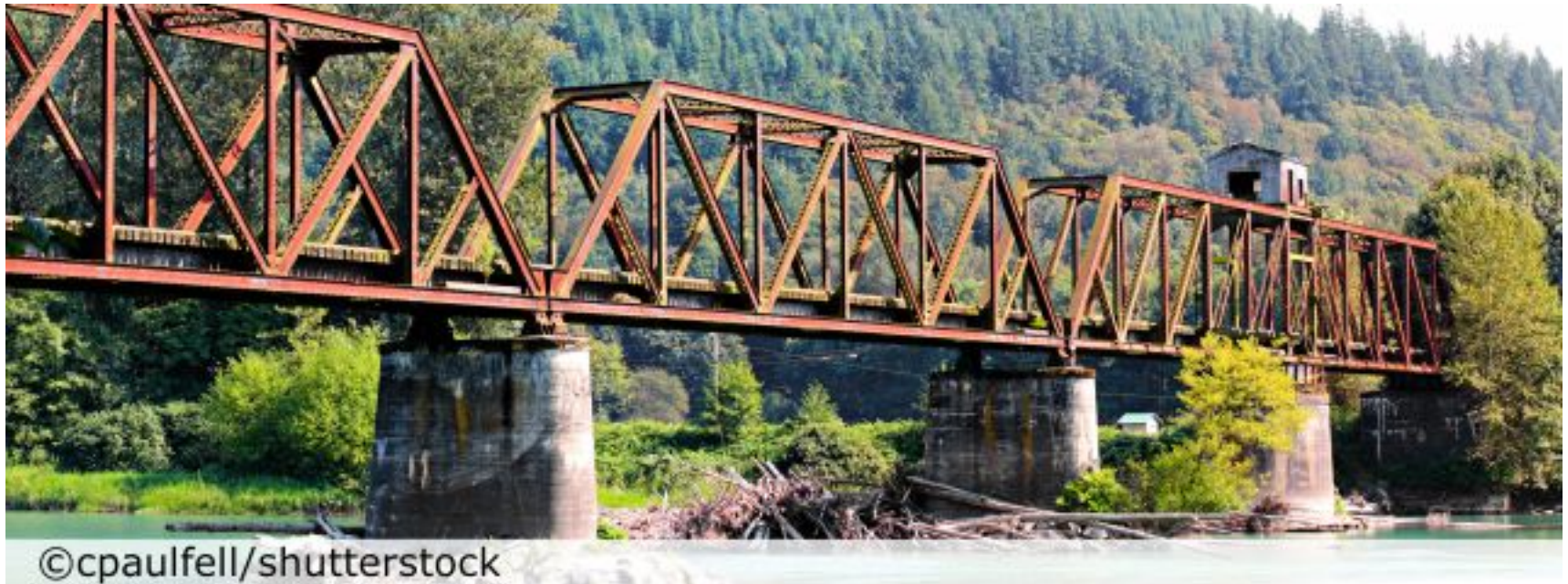


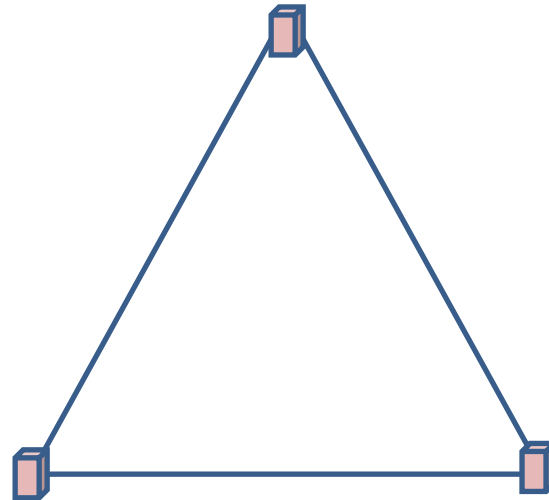
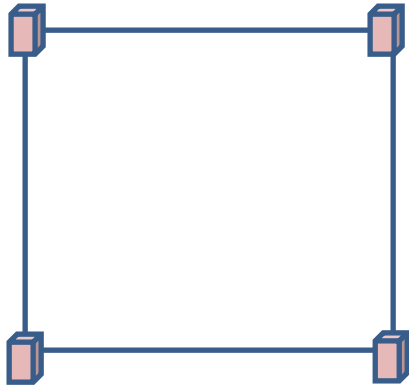
Monday 21<sup>st</sup> June 2021

LC: Can you use scientific  
evidence to support your  
findings?

How many triangles can you count in this bridge?

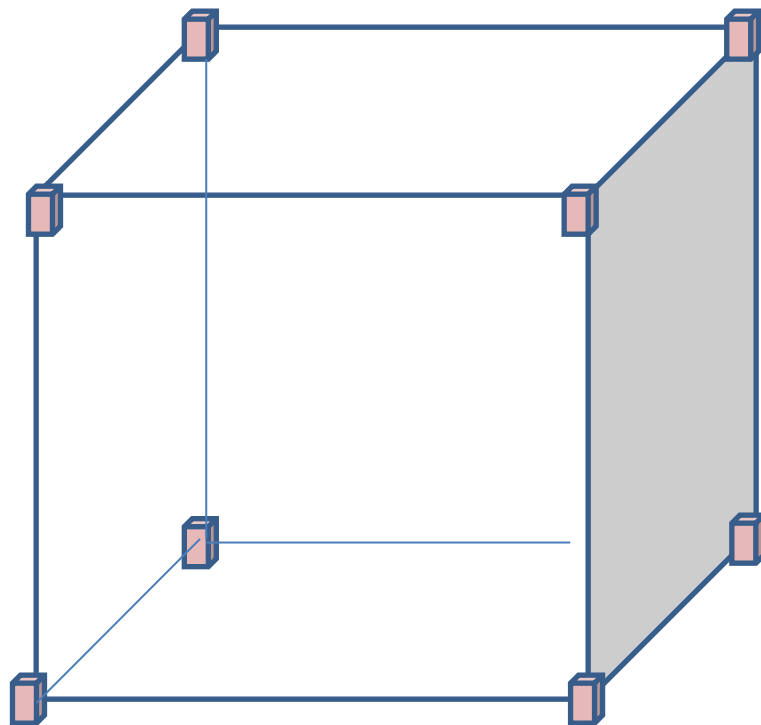


Historic Truss **Bridge** in Niles USA



Use your spaghetti and marshmallows to make these shapes.

Which is the shape that does not change?

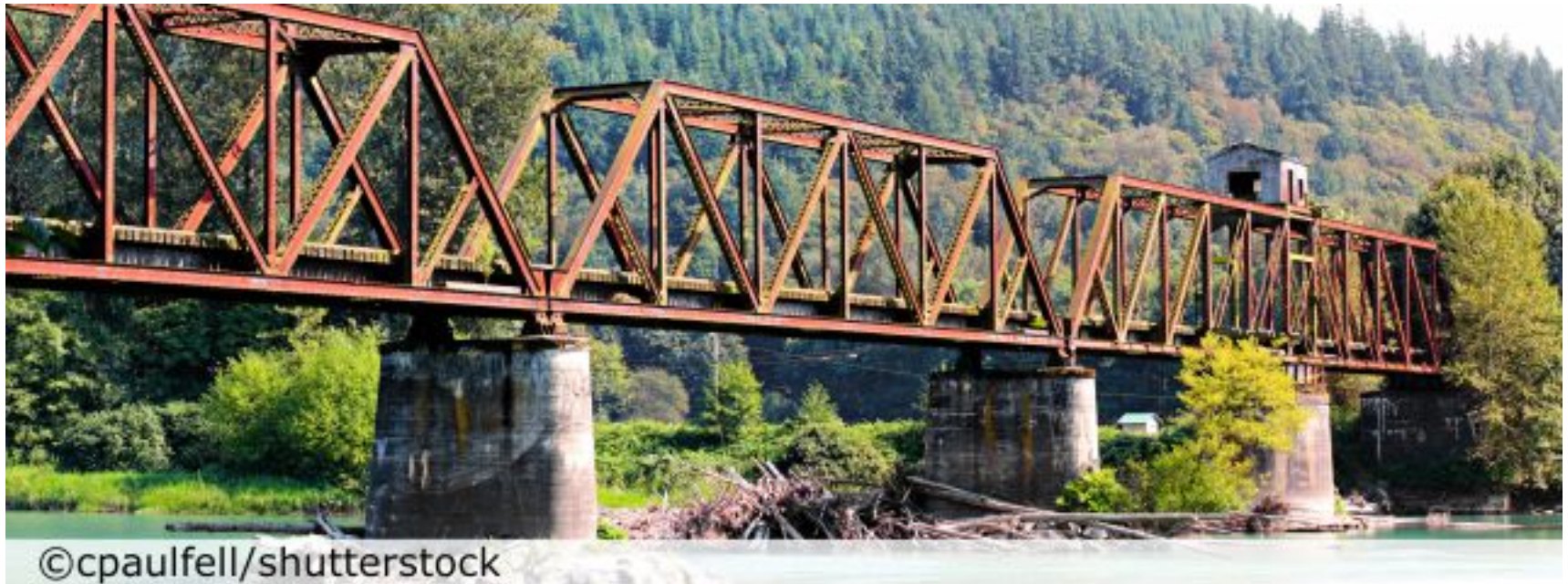


How can you use triangles to strengthen this shape?

Try out your ideas.



How many triangles can you count in this bridge?



Historic Truss **Bridge** in Niles USA

# Evaluation

1. Did you only change one thing? What was it?

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2. What do the results tell you about which shape is the strongest bridge pillar?

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3. Was your prediction correct?

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