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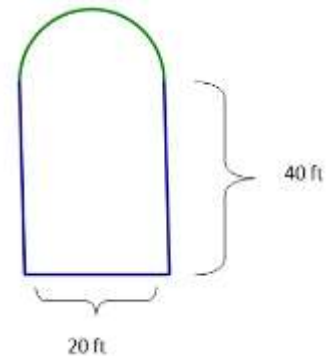
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Lesson 16: The Most Famous Ratio of All

Exit Ticket

Brianna's parents built a swimming pool in the back yard. Brianna says that the distance around the pool is 120 feet.

1. Is she correct? Explain why or why not.



2. Explain how Brianna would determine the distance around the pool so that her parents would know how many feet of stone to buy for the edging around the pool.
3. Explain the relationship between the circumference of the semicircular part of the pool and the width of the pool.