

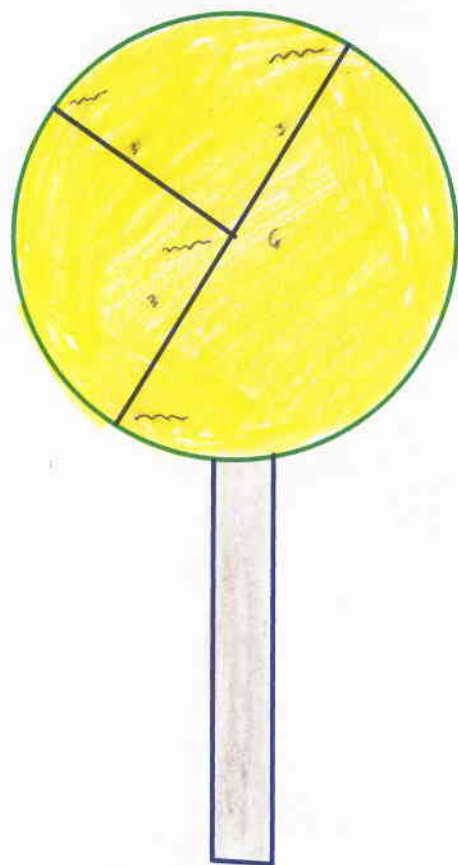
**Jimmy's Trip To The**  
**Store...WITH CIRCLES!!!**

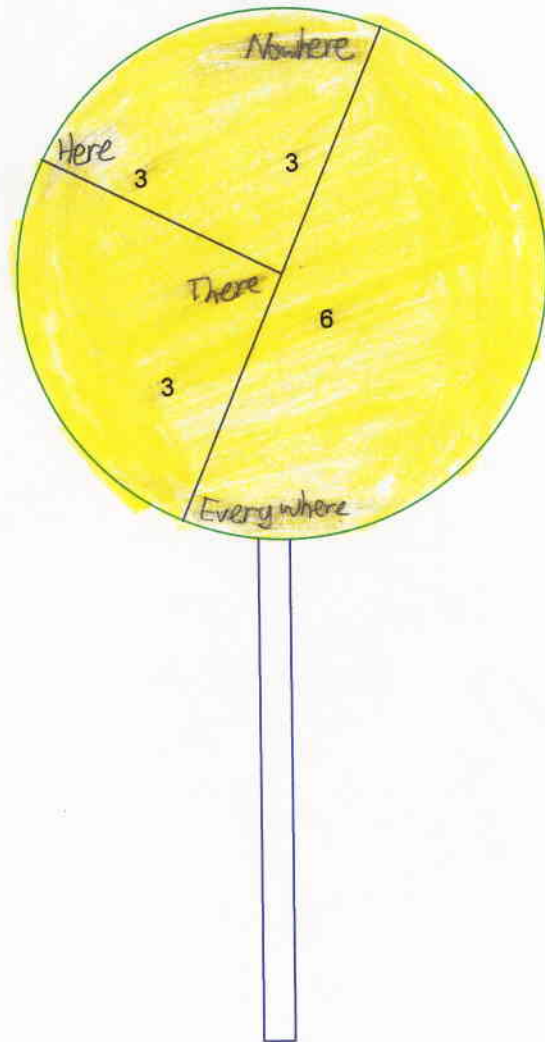
Written By: Joe Bain and Kristi Merz  
Illustrated by: Kristi Merz



This is Jimmy. He is going to the store to buy two plates today.

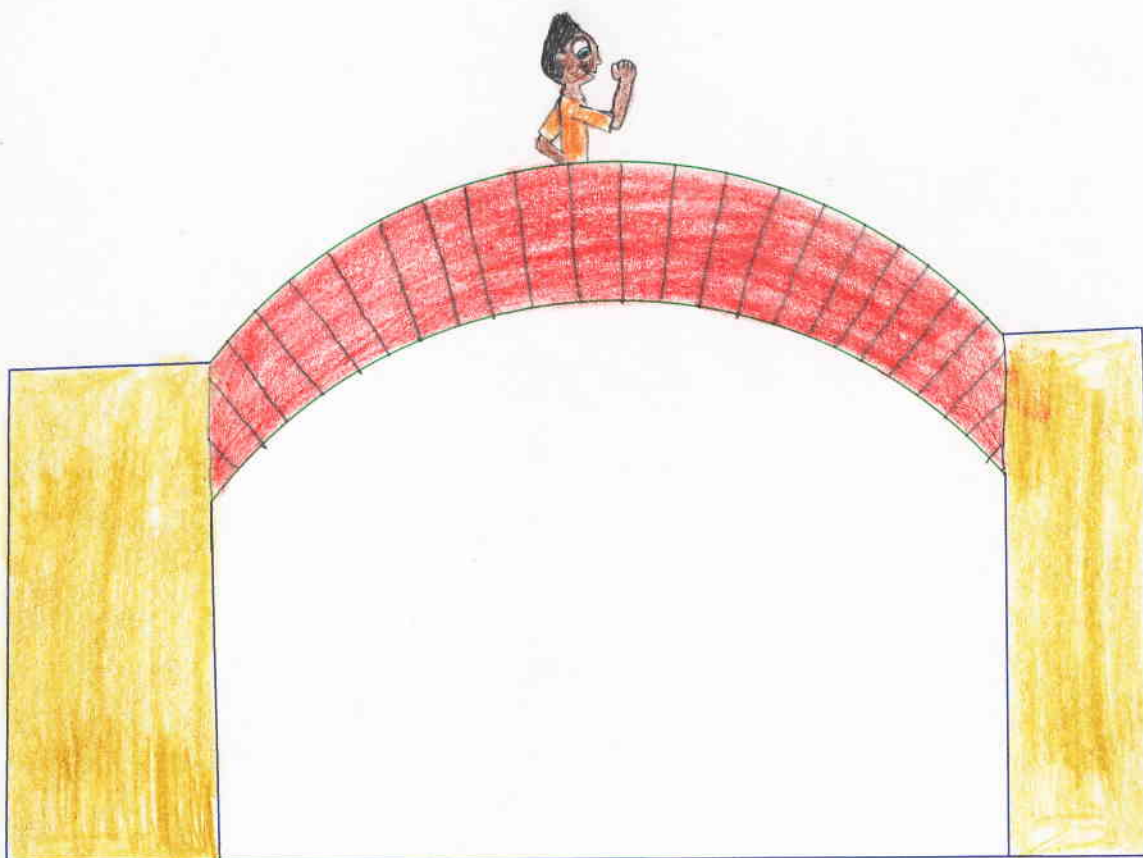
On the way to the store, Jimmy saw a sign.





The sign said it was 3 miles from Here to There and that it was 6 miles from Everywhere to Nowhere. He realized the area of the sign was  $9\pi$  ( $\pi$ radius<sup>2</sup>) and the circumference was  $6\pi$  ( $\pi$ diameter). This symbol stands for pi:  $\pi$ .

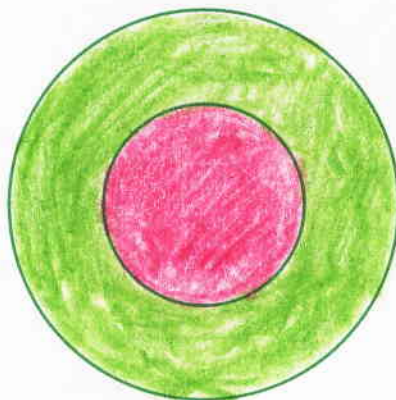
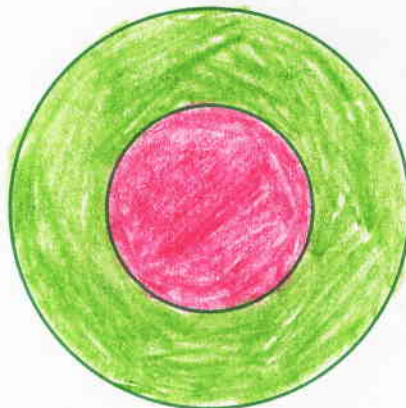
Jimmy had to cross a bridge that was in the shape of a minor arc.

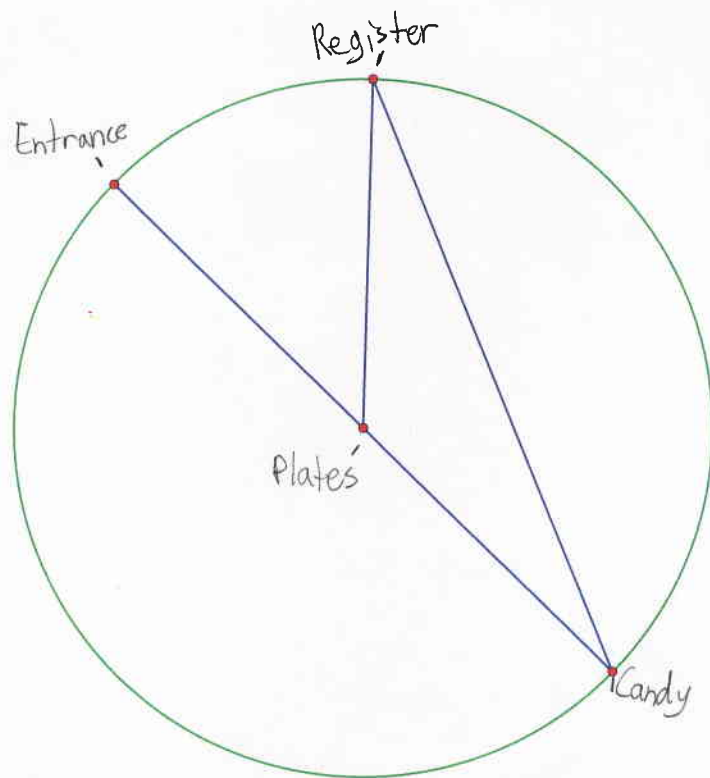




Finally he arrived at Half Target the Semicircle superstore.

He found the two circular plates he was looking for and purchased them.

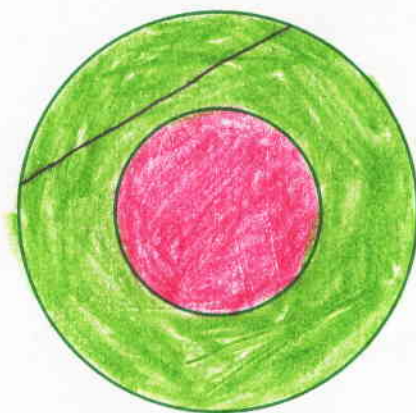




But Jimmy remembered that he wanted to buy some candy for himself. So he doubled back and got the candy. Then he cut across the store to the register. The path he made from the entrance to the plates to the register made a central angle. The path he made from the entrance to the candy to the register made an inscribed angle. The path he made from the entrance to the candy made a diameter.

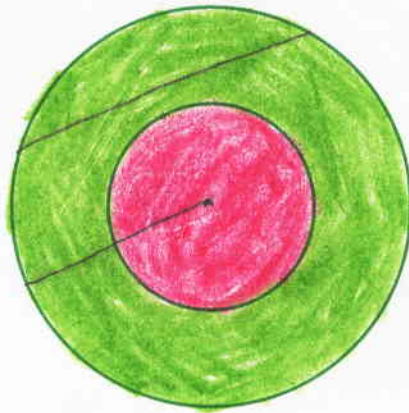
On his way home, Jimmy tripped on a rock and dropped one of the plates.





The plate cracked and broke in a perfect chord.

He looked closer and saw it had a crack that made a radius.





He went home and told his mommy and daddy of all the things he learned about circles. He didn't get in trouble for dropping the plate, because Jimmy's clumsy and he knew he would break one on the way home, so he bought the second as an extra.

