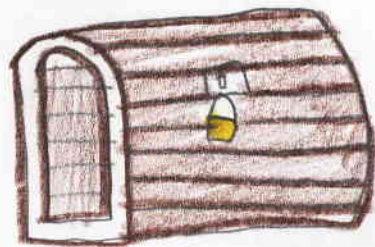


Sir Curve A Lot and the  
Treasure of Polygon Pirate



Chu Lincoln  
North van Lierden

It was a splendid, sunny day in Los Angeles, where we begin. Sir Curve A Lot, an adventurous teen, was enjoying his day in Disney Land. Just as he was boarding Splash Mountain, he noticed something glimmering in the corner of his eye. It was a golden piece with unusual writing on it. The shape had four right angles, four congruent sides, and he figured out it was a **square**. As soon as he laid a finger on it, smoke appeared, and Disney disappeared.



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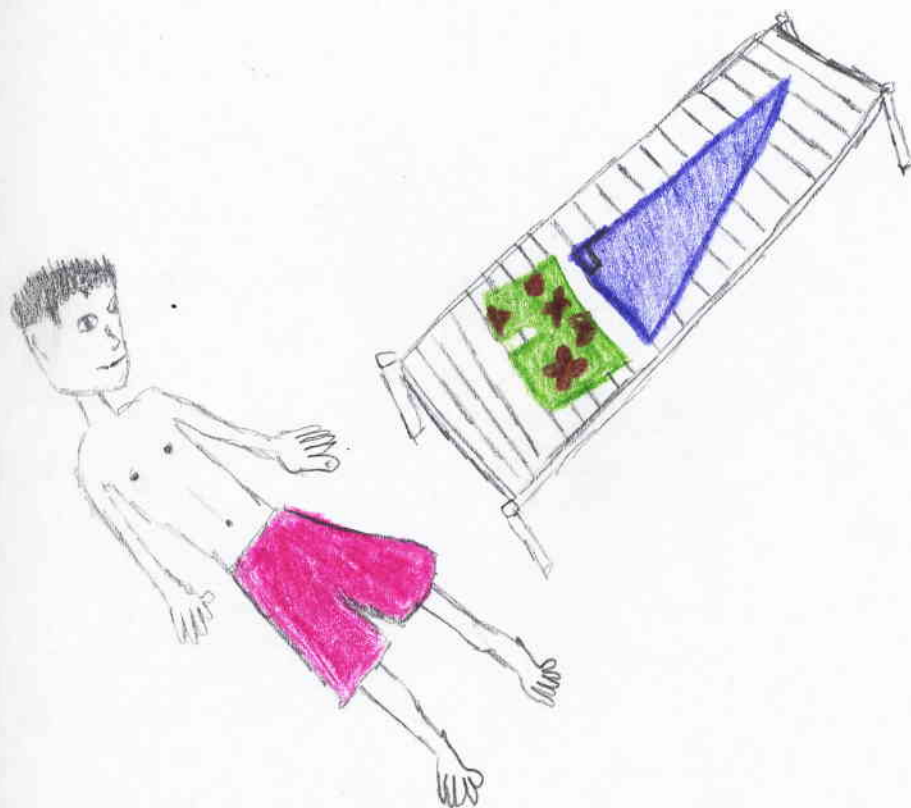
**"Arrr, who would have the guts to awaken me from my century long sleep?" Sir Curve A Lot was in awe, shocked by what he just saw. It was a pirate-like figure with a scruffy appearance. Sir Curve A Lot replied, "I would be Sir Curve A Lot, all I did was pick up a golden square." The pirate then continued the conversation by saying, "I have a mystery for you young lad. Here is a treasure chest filled with all the riches in the world." Sir Curve A Lot, being a teen, was greedy, and jumped at this proposal. "You must visit various people throughout Los Angleelus, and get their shaped key to unlock this chest. Here is the chest and the list of people," said the pirate as a vanished in sight.**



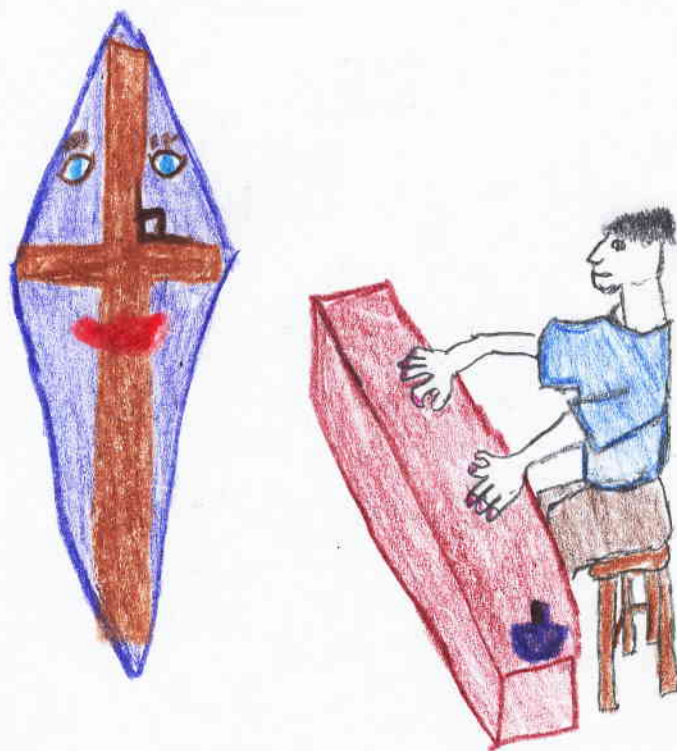
Sir Curve A Lot looked at the chest. The key had a shape of a polygon. The shape's opposite angles were congruent, but not 90 degrees. The opposite sides were congruent and parallel. It has four sides. He realized the shape was a **rhombus**. He glanced over his list to see who he had to encounter first. The name was Trap E. Zoid at the beauty parlor. What a peculiar name thought Sir Curve A Lot. He hopped on his scooter and went there. He questioned the main desk person to see who he was. Sir Curve A Lot then asked Trap E. Zoid, "Do you have the piece to unlock Polygon Pirate's treasure?" Trap E. Zoid said, "My key has two parallel sides, the legs are congruent, and the upper base angles are supplementary to the lower base angles." Sir Curve A Lot realized it was an **isosceles trapezoid** and left.



Next to visit was Ryan Right Triangle, who was located at the local pool. Sir Curve A Lot threw on his swimming trunks and ran to the pool. He noticed Ryan getting some sun on the side of the pool and asked him about his shape. Ryan replied in a snobby voice, "My shape has three sides, with one angle having the measure of 90 degree." Sir Curve A Lot knew that would be a **right triangle**, so he left in a hurry.



Next on the list was Katrina Kite. She was at the manicure place. Sir Curve A Lot, beginning to get impatient, quickly asked her about her shape. "I have a shape that has diagonals that are perpendicular," said Katrina. Sir Curve A Lot knew a rhombus had this as well. Katrina went on, "The shape has two pairs of consecutive ,disjoint sides that are congruent." Sir Curve A Lot knew it was a **kite**, not a rhombus and left.

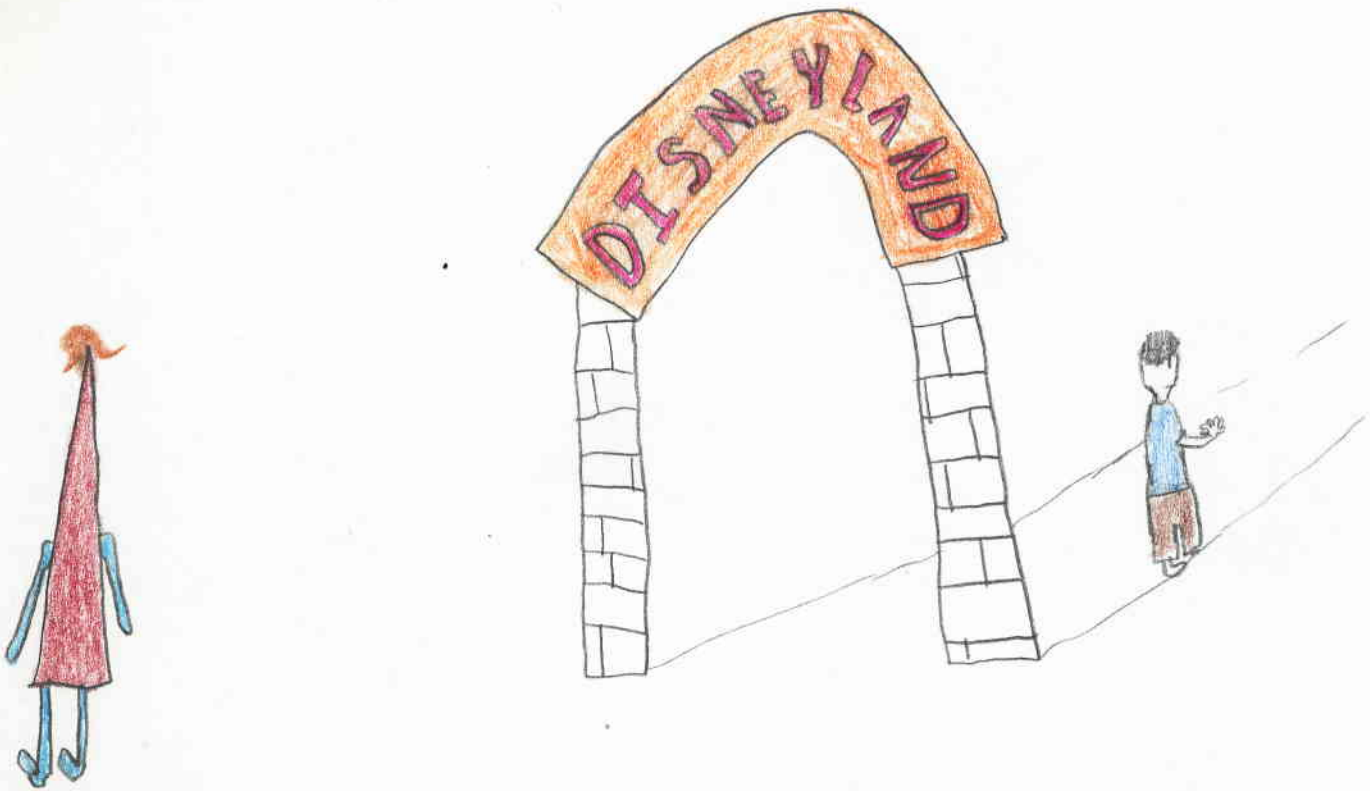


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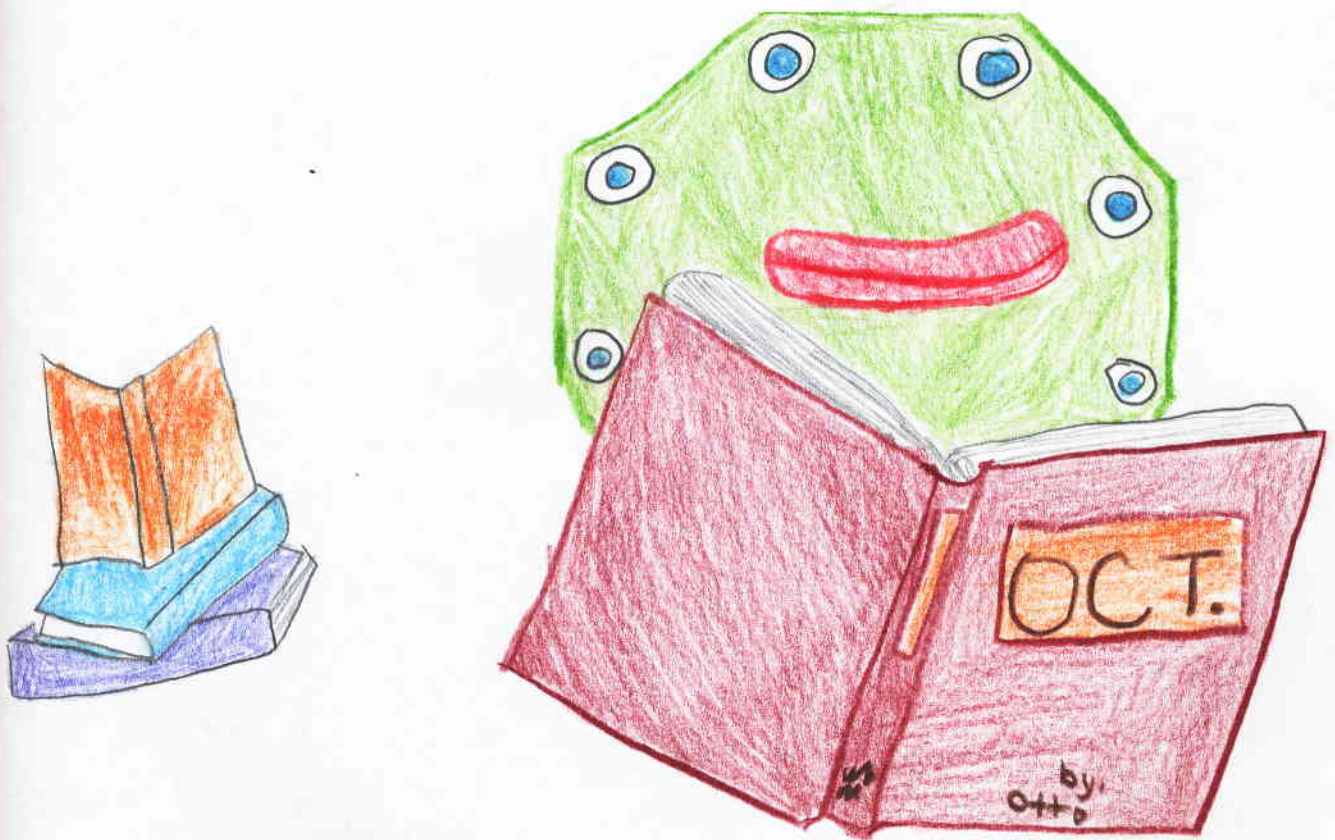
The next person on the list, was Perry Pentagon in the barbershop. Sir Curve A Lot found out who he was an questioned his about his shape. Perry said, "My shape has 5 sides." Before Perry could finish, Sir Curve A Lot knew it was a **pentagon** because it had five shapes. He was looking for a rhombus, that has 4 sides not 5. So he hopped on his scooter and left.



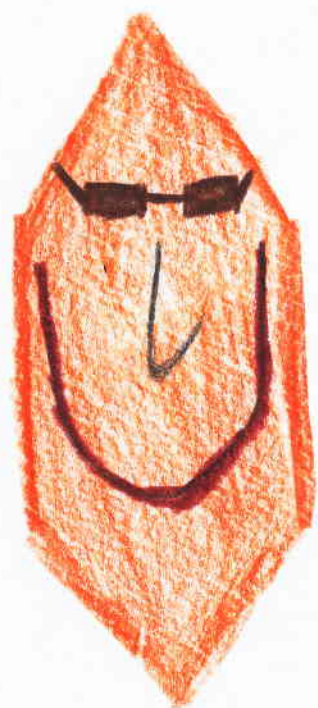
Nearing the end of the list, Sir Curve A Lot noticed he was getting closer. Iggy Isosceles Triangle was the next to visit at the park. He found and questioned him, "What is your shape?" Iggy said, "My shape has three sides, two sides are congruent, and the angles add up to 180 degrees." "Ah!" yelled Sir Curve A Lot as he was very frustrated at this point. He knew that was an **isosceles triangle**. He scurried out of the park.



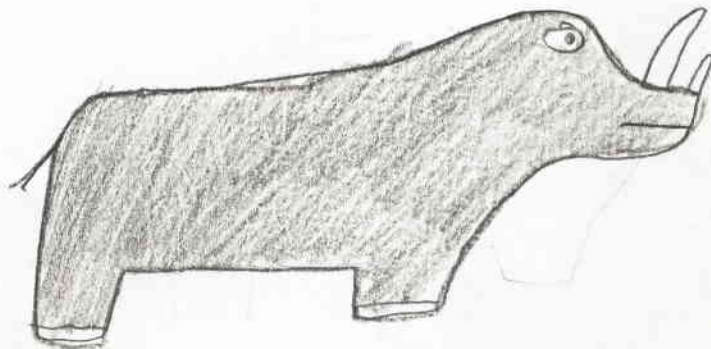
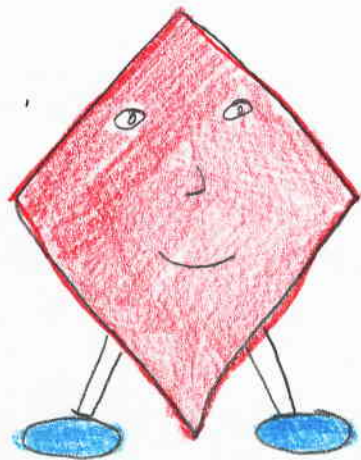
Sir Curve A Lot was beginning to wonder if this all was a hoax. He went to the next person on the list, who was Otto Octagon. Otto had eight eyes and was easy to spot in the library. He described his shape as having eight sides. Sir Curve A Lot knew that would be an **octagon**, not a rhombus, so he yet again failed and walked away with his head down.



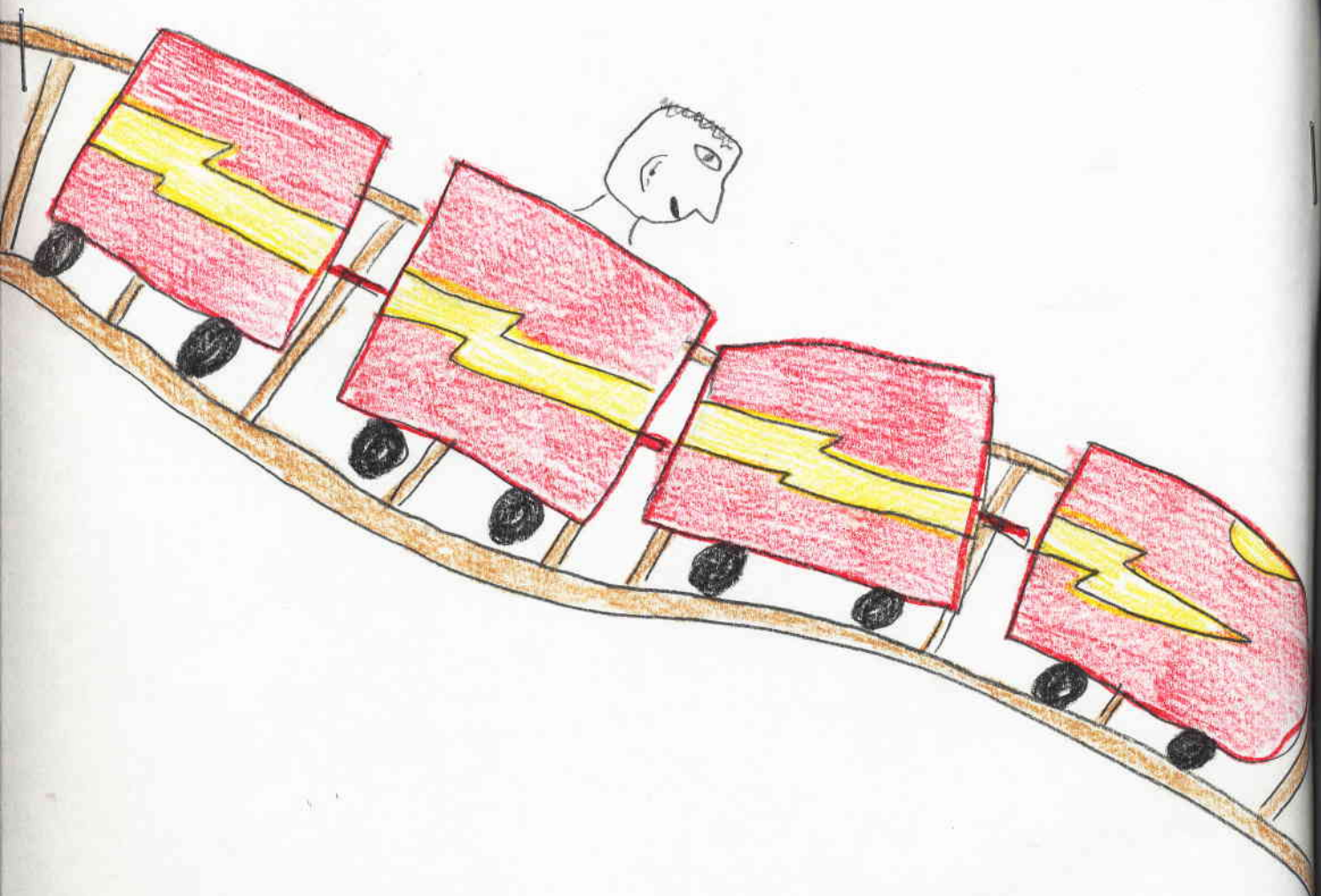
He now had three people on the list. Sir Curve A Lot knew he was nearing the end. He went to visit Henry Hexagon, who had a six-sided figure that Sir Curve A Lot knew would be a **hexagon**. Now he had two people to go to. The second to last person on the list was Denny Decagon. Denny was a quiet man, and when Sir Curve A Lot questioned him about his shape, all he said was 10 side, and Sir Curve A Lot knew that is a **decagon**.



After a long, hot day in Los Angeles, Sir Curve A Lot was beginning to get tired. He was frustrated, but at the same time happy because he knew that the last person on the list had to have the correct key. The name was Ronny Rhombus found in the zoo looking at Rhinos. Sir Curve A Lot questioned him on his shape, and with luck he replied, "My shape's opposite angles are congruent, but not 90 degrees. My shapes opposite sides are parallel and congruent. My shape has four sides." Sir Curve A Lot knew this was a **rhombus**, the shape he was looking for. He took the shape and put it in the chest he had received from Polygon Pirate.



**Inside of the chest was as much gold as you can imagine. Of course he went back to Disney Land to finish riding the rides, and as all stories end, he lived happily ever after.**



## Sources

Chris Kennedy  
Nate Kennedy

- <http://cumulativeart.com/math>
- [www.wikipedia.org/polygons](http://www.wikipedia.org/polygons)

Sir

Curve

A

Lots

Shapes