BECA / Dr. Huson / Geometry 7-Similarity Name:

9 February 2022

**Challenge: Similar triangles**

**1.**

Write down what triangles are similar. How would you prove it? Try to write a proof.

**2.**

**3. Explain this mathematics using words and algebraic symbols:**

The father’s will bequeaths his 17 camels to his sons in the following proportions: 1/2 to the oldest, 1/3 to the middle, 1/9 to the youngest. To enact the division, a passerby temporarily donates his one camel, making 18. They are allocated 9, 6, & 2 camels, with one remaining for this stranger.

**4.**

**Chart

Description automatically generated**