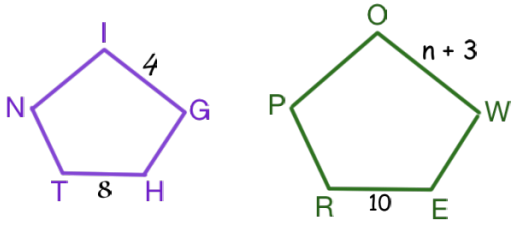
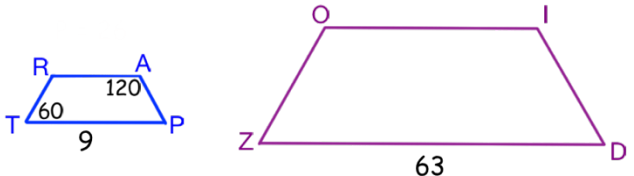
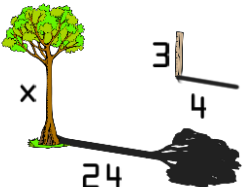
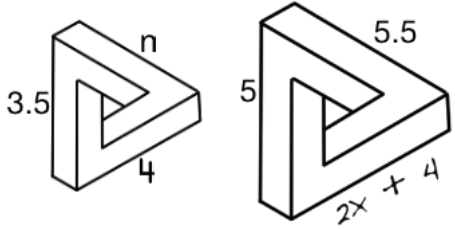


Questions:	Solve: (show the ratio)	Try on you own:
<p>1. If two figures are similar then their corresponding angles are _____</p> <hr/> <p>and their corresponding sides are _____</p> <hr/> <p>2. What is a similarity ratio? (also called the ratio of similitude)</p> <p>3. Solve:</p> <div style="display: flex; justify-content: space-around; align-items: center;">  </div> <p>Pentagons NIGHT and POWER are similar. What is the value of n?</p>	<p>Solve: (show the ratio)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  </div> <p>4. What is the measure of angle Z?</p> <p>5. Find the similarity ratio for the sides of TRAP to ZOID.</p> <p>6a. Sam needs to determine the height of the tree. When he stood his yardstick perpendicular to the ground he found that the shadow was 4 ft long. The tree's shadow is 24 ft long. How tall is the tree?</p> 	<p>6b. Later in the day Sam went out to measure a different tree. This time shadow of the yardstick was 2 ft and the tree's shadow was 20 ft. How tall is this tree?</p> <div style="display: flex; justify-content: space-around; align-items: center;">  </div> <p>7. The two figures above are similar.</p> <ol style="list-style-type: none"> Find the similarity ratio Find the value of n Find the value of x