

Advanced Mathematical Dream Catchers

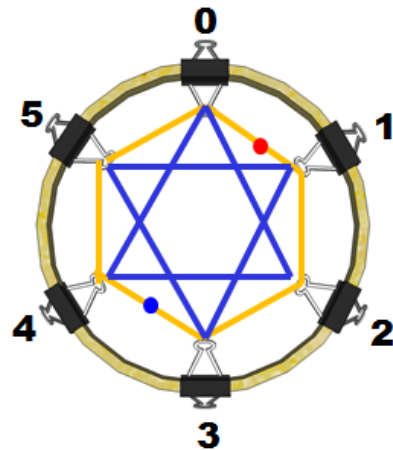
Name: _____

Teacher: _____

Date: _____

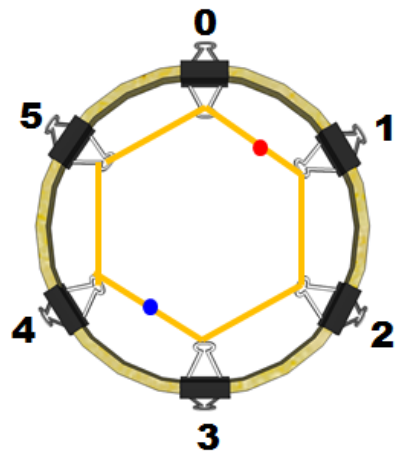
1. What is the notation for the modified star polygon with the **BLUE (dark)** string design below:

- a. $\{6 \mid 1\}$
- b. $\{5 \mid 2\}$
- c. $\{6 \mid 2\}$
- d. $\{5 \mid 2\}$



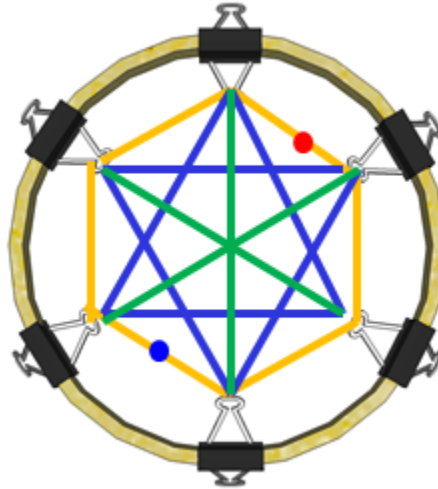
2. What is the measure of the central angle for the shape made by the string in the Dream Catcher below:

- a. 120°
- b. 72°
- c. 180°
- d. 60°



Please turn the page.

3. Circle all the names of each shape you see in the following Dream Catcher string design:



Triangle

Sphere

Square

Parallelogram

Hexagon

Octagon

Prism

Circle

Pentagon

Star

Trapezoid

Rhombus

Cube

Cylinder