

Advanced Mathematical Dream Catchers

Name: _____

Teacher: _____

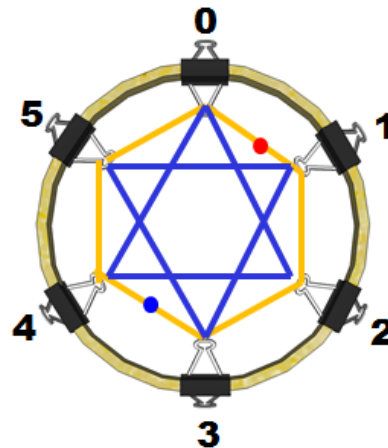
Date: _____

Please circle ALL THE WORDS that describe the activity you just did:

Fun	Asking Questions	Boring
Creative	Like	Solving Problems
Dislike	Hard	I'm good at it
Easy	Thinking	Learning

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

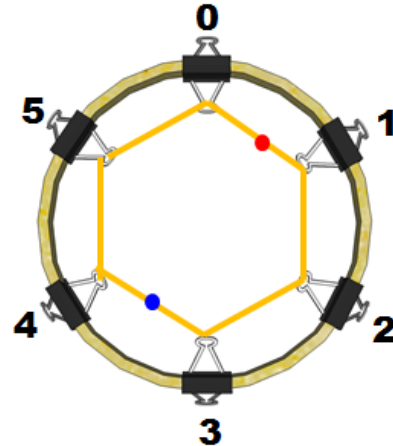
- a. $\{6 \mid 1\}$
- b. $\{5 \mid 2\}$
- c. $\{6 \mid 2\}$
- d. $\{5 \mid 2\}$



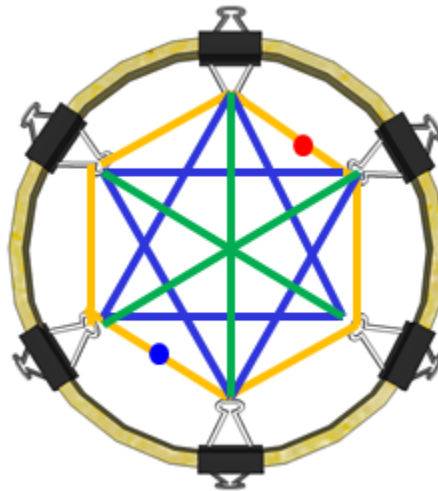
Please turn the page.

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°



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