

EXPLORING YOUR TRI-HEXAFLEXAGON

In your groups, determine who will be the Questioner, Recorder, and Sharer. Each of you will work through and discuss the questions, but the Questioner will read the questions, the Recorder will write down your group's answers, and the Sharer will share your work with the whole class.

What do you notice about the way your hexaflexagon works? Do your best to describe what happens when you fold and bend it.

How many triangles do you see? How would you classify these triangles? Are they acute, obtuse, or something else? Are all of them the same?

How many quadrilaterals do you see? What names would you give to them?

Do you notice any symmetries? What happens when you rotate the shape? What about when you flip it?