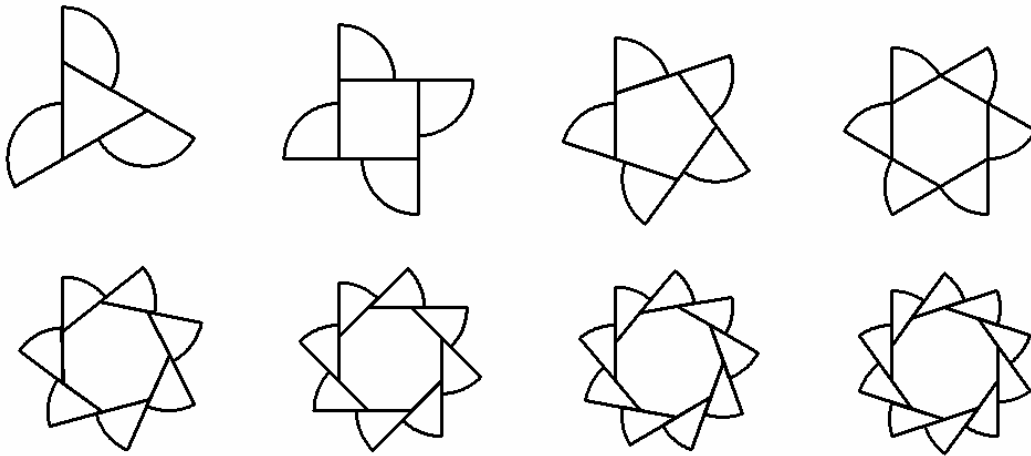


Name _____

Date _____

Fraction Circles and Polygons



Use the fraction circle and polygon cards to make designs like the ones above.

Complete the statements below according to the pattern.

Pattern:

The external angles of an equilateral triangle are $\frac{1}{3}$ of a circle or 120 degrees.

Statements to Complete:

The external angles of a square are _____ of a circle or _____ degrees.

The external angles of a pentagon are _____ of a circle or _____ degrees.

The external angles of a hexagon are _____ of a circle or _____ degrees.

The external angles of a heptagon are _____ of a circle or _____ degrees.

The external angles of an octagon are _____ of a circle or _____ degrees.

The external angles of a nonagon are _____ of a circle or _____ degrees.

The external angles of a decagon are _____ of a circle or _____ degrees.