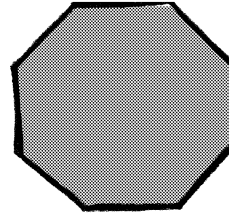
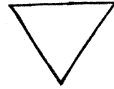
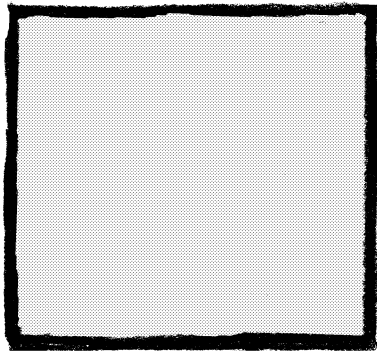


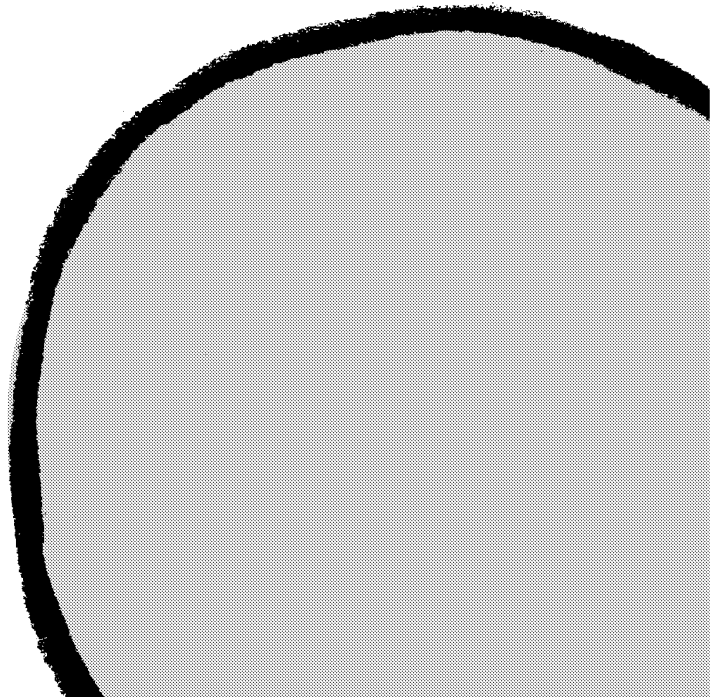
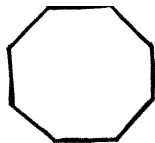
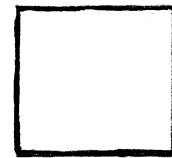
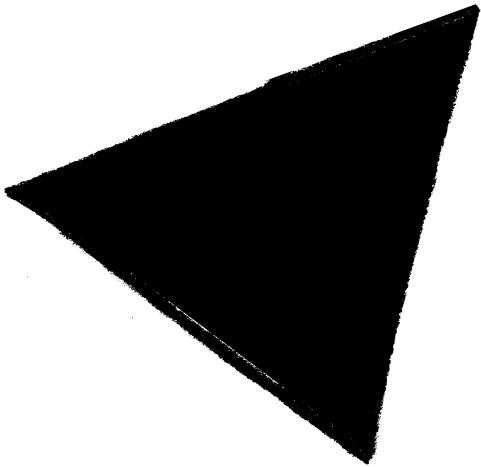
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II. Two-Dimensional Geometric Shapes



TGS-1: What Is a Flat Shape?

Teaching Notes

Objective: Students will define the term *two-dimensional shape* and identify the essential characteristics of two-dimensional shapes.

Key Questions:

- Question forms of the headings in graphic organizer.
- What are the characteristics of each shape?

Usage Notes: Explain to students that two-dimensional shapes or flat shapes are also known as *plane figures*.

TGS-2: Characteristics of Two-Dimensional Shapes

Objective: Students will identify a variety of two-dimensional shapes, identify their characteristics, and sketch them.

Key Questions:

- What shapes did you identify?
- What are the characteristics of each shape?

Usage Notes: Emphasize the “characteristics” cell for each shape; students should refer to qualities of angles, diagonals, sides, etc.

TGS-3: Circles

Objective: Students will define the term *circle* and analyze the key characteristics of circles.

Key Questions:

- What is a circle?
- What is diameter? radius?
- What is circumference?
- What is an arc? a chord?
- What is a secant? a tangent?

Usage Notes:

- Encourage students to record additional key facts about circles on the diagram.
- Offer a mini-lecture about pi (π) before students complete the Taking Another Step activity.