# Spinner Bases

# Blank Spinners

# 3-Person Spin

| Player 1 | Player 2 | Player 3 |
|---|---|---|
| _____ | _____ | _____ |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Who won your game?          Was your spinner fair?

_____          _____

# Two Blank Spinners

# Spinners from LAB page 63

Cut out these spinners and use them to complete
LAB page 63, if needed.

A

B

C

D

E
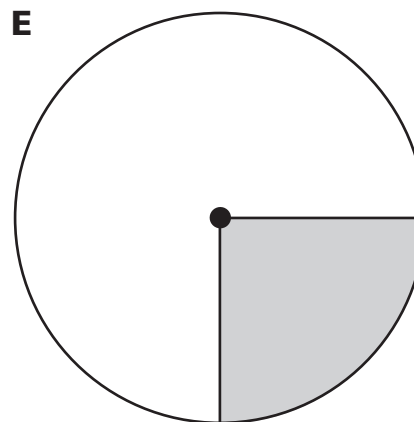
# Angles from LAB page 64

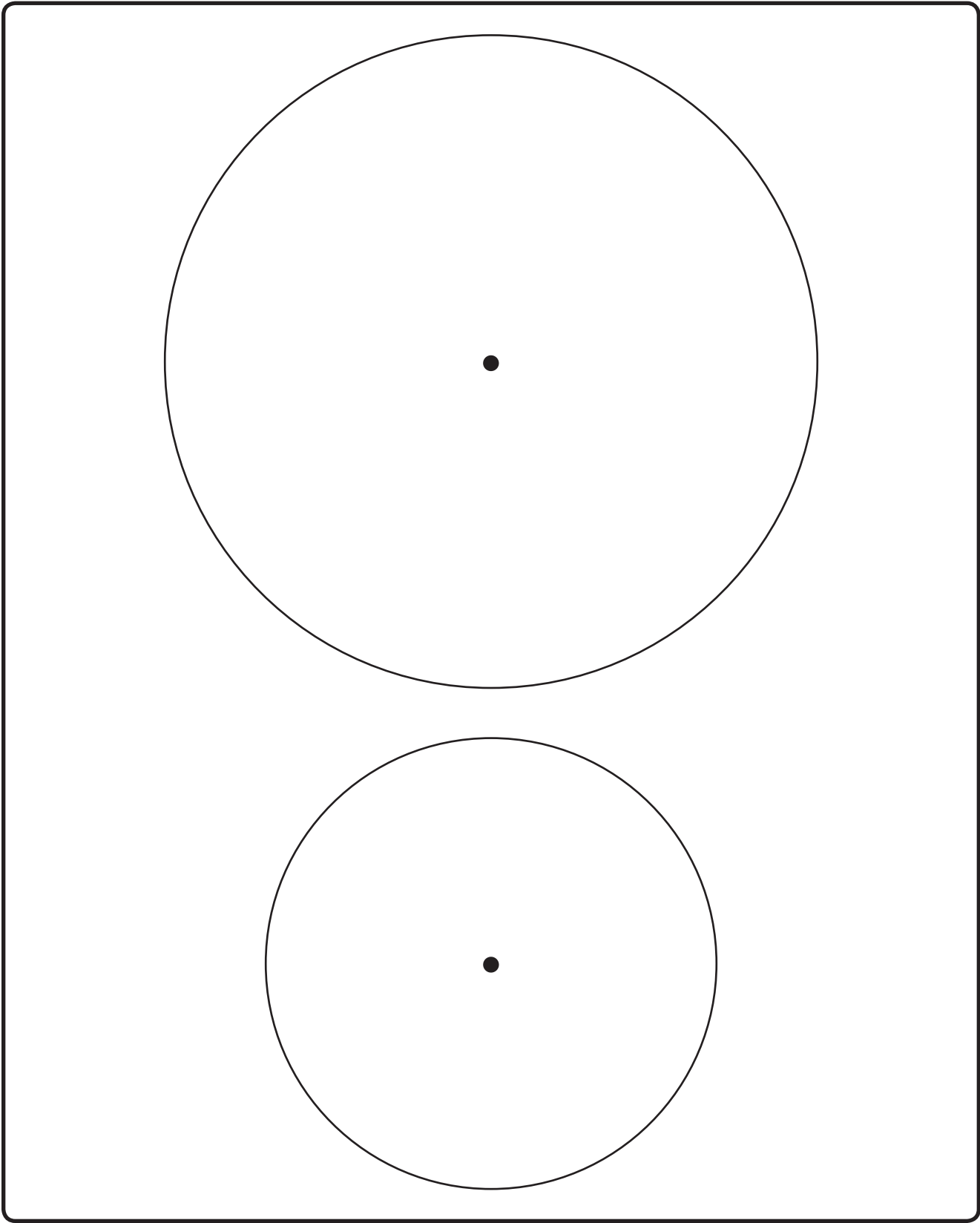**Cut out these shapes and use them to complete LAB page 64, if needed.**

G

F

H

K

I

J

L

© Education Development Center, Inc.

# Making Triangles with Equal Sides

**1** Use paper strips to make two different triangles with no equal sides.
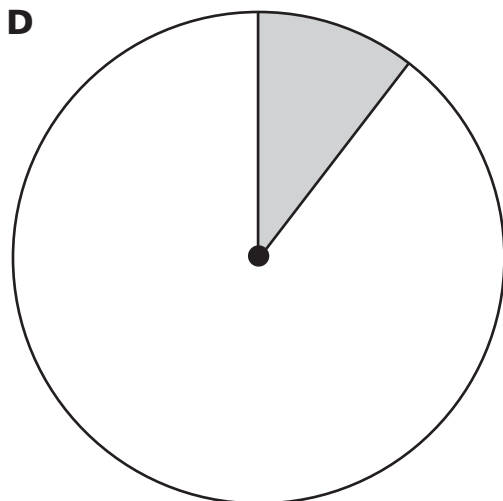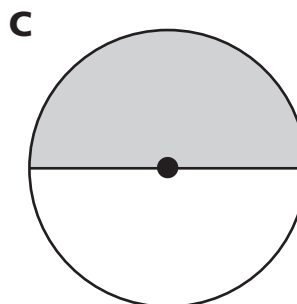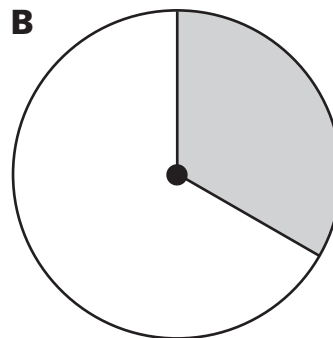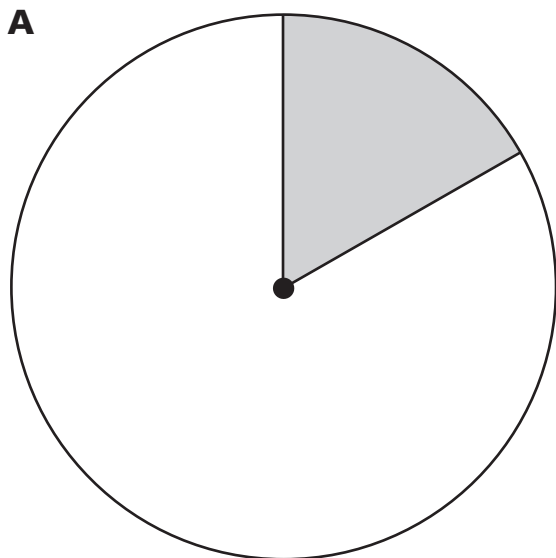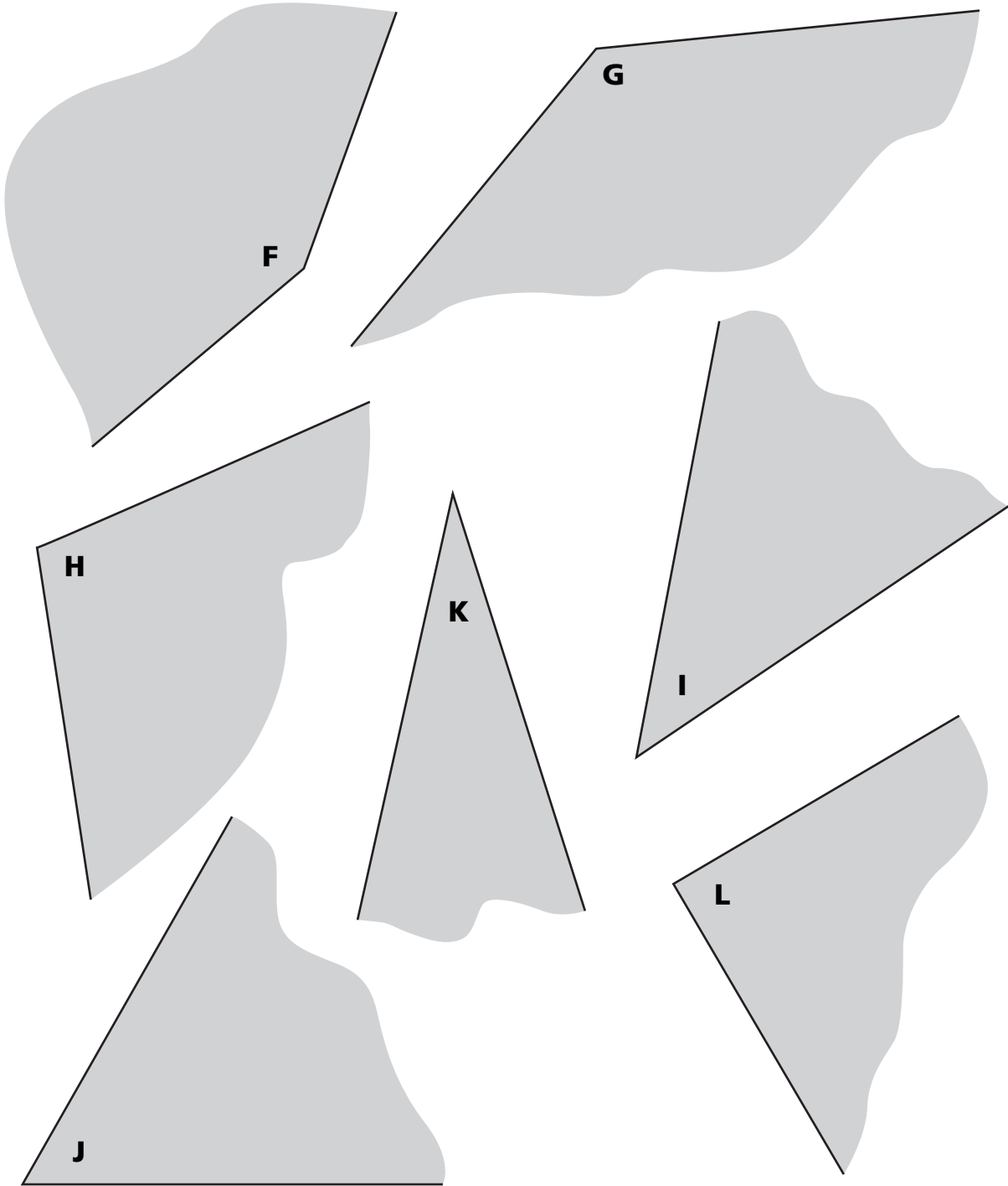
    **A** Can you make an **acute** triangle?

    **B** Can you make a **right** triangle?

    **C** Can you make an **obtuse** triangle?

**2** Now make two different triangles with exactly **2** equal sides.

    **A** Can you make an **acute** triangle?

    **B** Can you make a **right** triangle?

    **C** Can you make an **obtuse** triangle?

**3** Now make two different triangles with **3** equal sides.

    **A** Can you make an **acute** triangle?

    **B** Can you make a **right** triangle?

    **C** Can you make an **obtuse** triangle?

# Classifying Triangles

| | Acute | Right | Obtuse |
|---|---|---|---|
| **Scalene**<br>**0 equal sides** | | | |
| **Isosceles**<br>**2 equal sides** | | | |
| **Equilateral**<br>**3 equal sides** | | | |

# Figure Bingo

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# Bingo Figures

# Bingo Cards
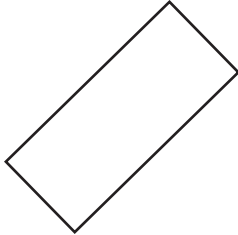
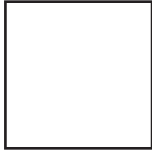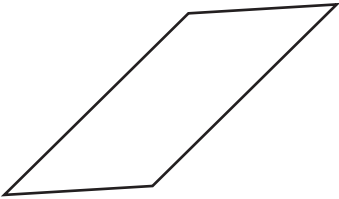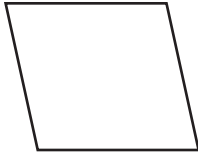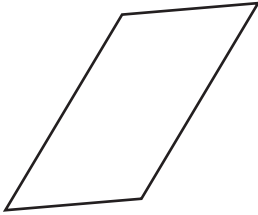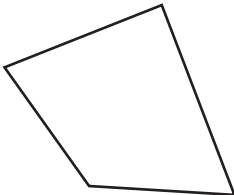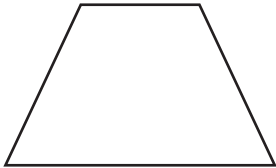| | | | | |
|---|---|---|---|---|
| Right and scalene triangle | Has 0 angles | Isosceles and obtuse triangle | Has 6 angles | Parallel lines |
| Obtuse and scalene triangle | Acute and scalene triangle | Straight line | Right and isosceles triangle | Acute angle |
| Equilateral triangle | Obtuse angle | 1 acute angle and 1 obtuse angle | Acute and isosceles triangle | 2 pairs of parallel sides |
| All equal angles | 4 right angles | Right angle | Perpendicular lines | Non-perpendicular intersecting lines |
| 1 pair of parallel sides | 2 right angles | Acute and equilateral triangle | All equal sides | No straight sides |

# Sorting Quadrilaterals: Parallelograms

## All of these belong: Parallelograms



## None of these belong.

# Sorting Quadrilaterals: Trapezoids

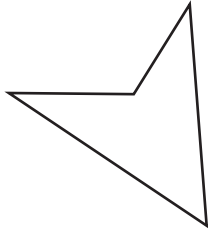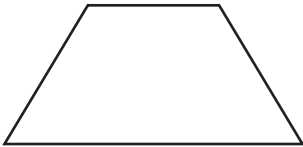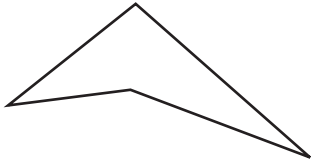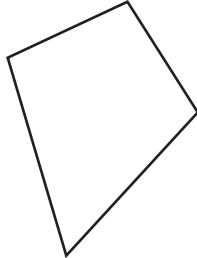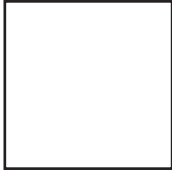**All of these belong: Trapezoids**

**None of these belong.**
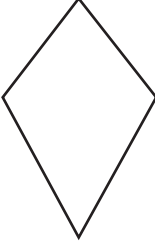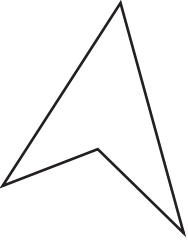
# Sorting Quadrilaterals: Parallel Sides

**All of these belong: Parallel sides**
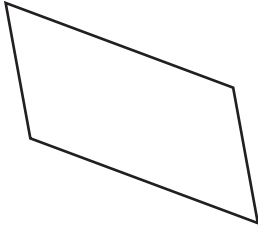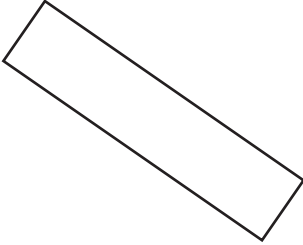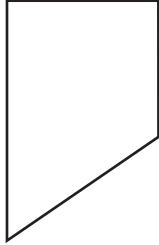


**None of these belong.**

# Triangles

C

E

F

A

B

D

G

# Who Has . . . Game, Page 1

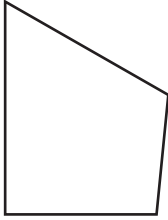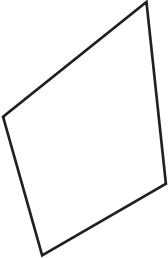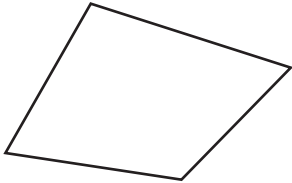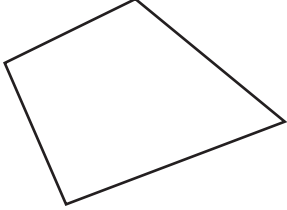| | | |
|---|---|---|
| I have PERPENDICULAR LINES.<br><br>Who has a shape with no straight lines? | I have a PENTAGON.<br><br>Who has lines that never intersect? | I have a SCALENE TRIANGLE.<br><br>Who has an angle formed by perpendicular lines? |
| I have a RECTANGLE.<br><br>Who has a triangle with three lines of symmetry? | I have a CIRCLE.<br><br>Who has an angle that is larger than a right angle but is not a straight angle? | I have PARALLEL LINES.<br><br>Who has a triangle with two equal sides? |
| I have a RIGHT ANGLE.<br><br>Who has a quadrilateral with two pairs of parallel sides? | I have an EQUILATERAL TRIANGLE.<br><br>Who has a shape with four straight sides that are all connected? | I have an OBTUSE ANGLE.<br><br>Who has a rectangle with four equal sides? |
| I have an ISOSCELES TRIANGLE.<br><br>Who has a parallelogram with four equal sides? | I have a PARALLELOGRAM.<br><br>Who has a shape with five straight sides that are all connected? | I have a QUADRILATERAL.<br><br>Who has a triangle with a right angle? |

# Who Has . . . Game, Page 2

✂

---
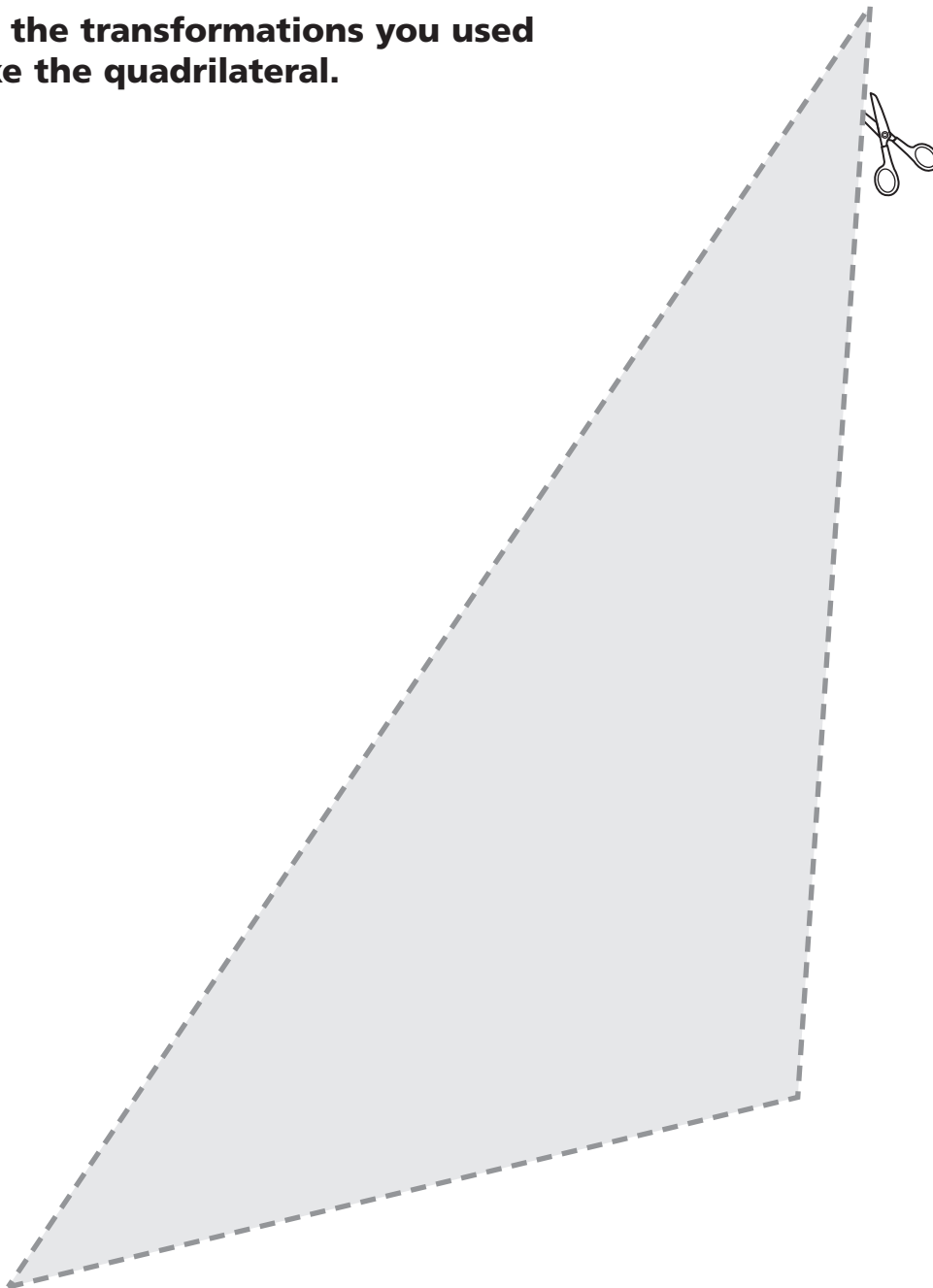
I have a
SQUARE.

Who has a
straight angle?

---

I have a
RHOMBUS.

Who has a shape
with six lines of
symmetry?

---

I have a
HEXAGON.

Who has an angle
that is less than a
right angle?

---

I have a
RIGHT TRIANGLE.

Who has a closed
shape with three
straight sides and no
extra lines or points?

---

I have a
STRAIGHT LINE.

Who has a triangle
whose angles are all
smaller than a right
angle?

---

I have a
POLYGON.

Who has shapes that
exactly match?

---

I have an
ACUTE ANGLE.

Who has a
quadrilateral with
exactly one pair of
parallel sides?

---

I have a
TRIANGLE.

Who has a triangle
with an angle larger
than a right angle?

---

I have an
ACUTE TRIANGLE.

Who has a closed
shape with
straight sides?

---

I have
CONGRUENT
SHAPES.

Who has a triangle
with sides of all
different lengths?

---

I have a
TRAPEZOID.

Who has a
parallelogram with
right angles?

---

I have an OBTUSE
TRIANGLE.

Who has lines
that intersect at
right angles?

---

# Non-Symmetric Triangle

- **Cut out this triangle.**

- **Trace it on a piece of paper.**

- **Rotate, reflect, or translate it to make a quadrilateral.**

- **Record the transformations you used to make the quadrilateral.**

# Shapes from LAB Page 77