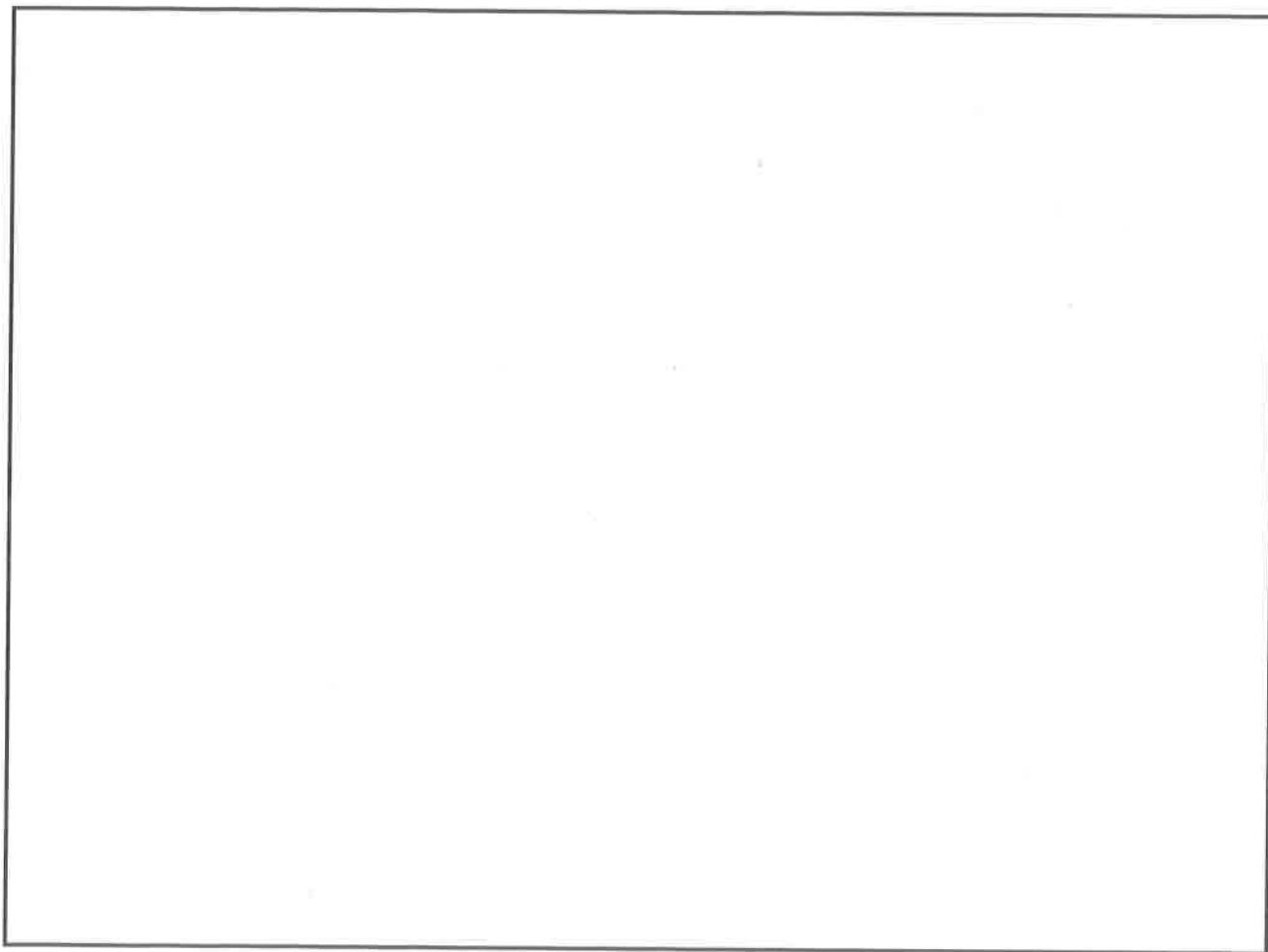


**R (Read the problem carefully.)**

Three sides of a quadrilateral have the following lengths: 19 cm, 23 cm, and 26 cm. If the total distance around the shape is 86 cm, what is the length of the fourth side?

**D (Draw a picture.)**

**W (Write and solve an equation.)**



**W** (Write a statement that matches the story.)

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Name \_\_\_\_\_

Date \_\_\_\_\_

1. Use a straightedge to draw the polygon with the given attributes in the space to the right.

a. Draw a polygon with 3 angles.

Number of sides: \_\_\_\_\_

Name of polygon: \_\_\_\_\_

b. Draw a five-sided polygon.

Number of angles: \_\_\_\_\_

Name of polygon: \_\_\_\_\_

c. Draw a polygon with 4 angles.

Number of sides: \_\_\_\_\_

Name of polygon: \_\_\_\_\_

d. Draw a six-sided polygon.

Number of angles: \_\_\_\_\_

Name of polygon: \_\_\_\_\_

e. Compare your polygons to those of your partner.

Copy one example that is very different from your own in the space to the right.

2. Use your straightedge to draw 2 new examples of each polygon that are different from those you drew on the first page.

a. Triangle

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b. Pentagon

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c. Quadrilateral

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d. Hexagon

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Name \_\_\_\_\_

Date \_\_\_\_\_

Use a straightedge to draw the polygon with the given attributes in the space to the right.

Draw a five-sided polygon.

Number of angles: \_\_\_\_\_

Name of polygon: \_\_\_\_\_