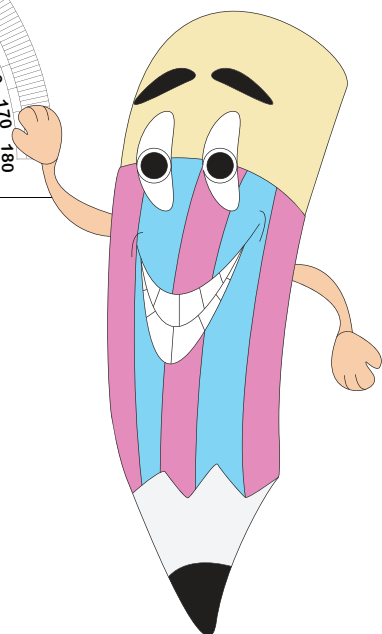
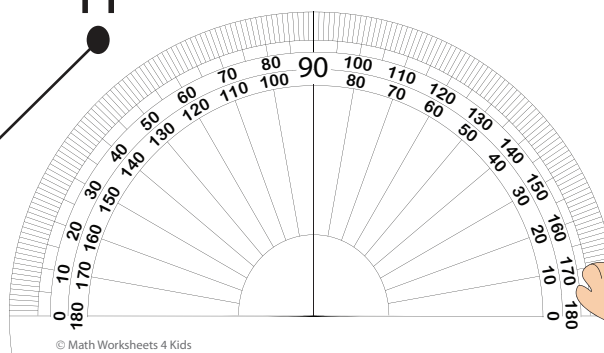
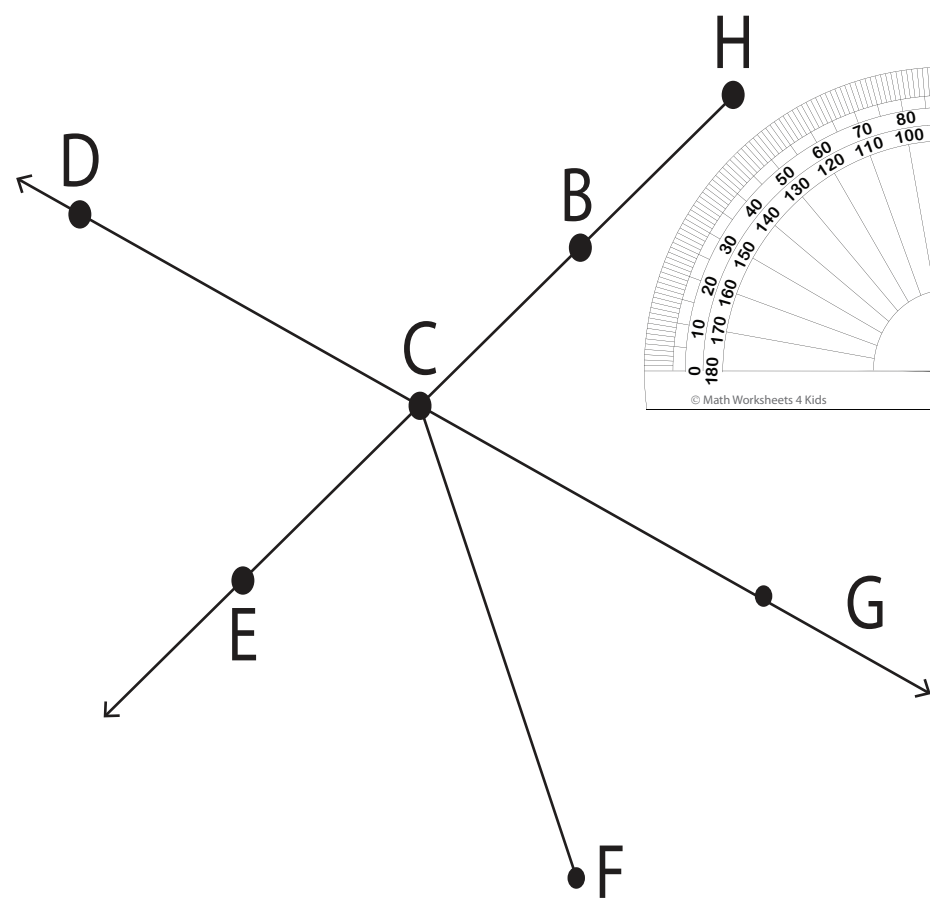


4th Grade

Geometry



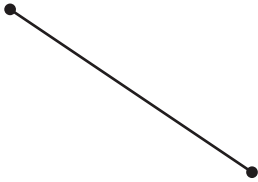
Workbook 1

Points, Lines, Rays & Line segments

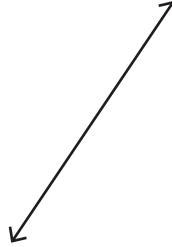
Part - A

Write each as a point, line, ray or line segment.

1)



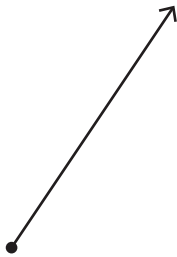
2)



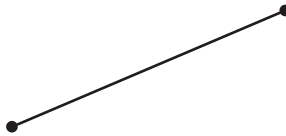
3)



4)



5)



6)



Part - B

Draw the following.

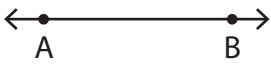
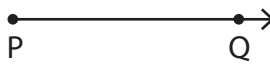
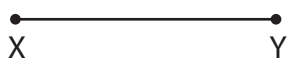
1) A line

2) A ray

3) A line segment

Lines, Rays or Line segments

Example:

A Line	A Ray	A Line segment
 \overleftrightarrow{AB} or \overleftrightarrow{BA}	 \overrightarrow{PQ}	 \overline{XY} or \overline{YX}

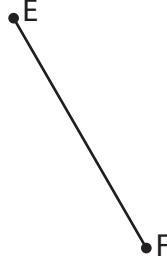
Part - A

Name each line, ray or line segment.

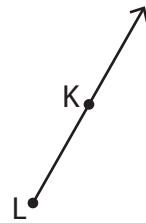
1)



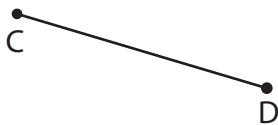
2)



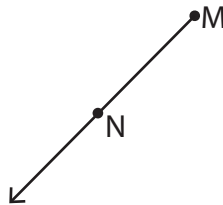
3)



4)



5)



6)



Part - B

Draw and label each of the following.

1) \overline{BC}

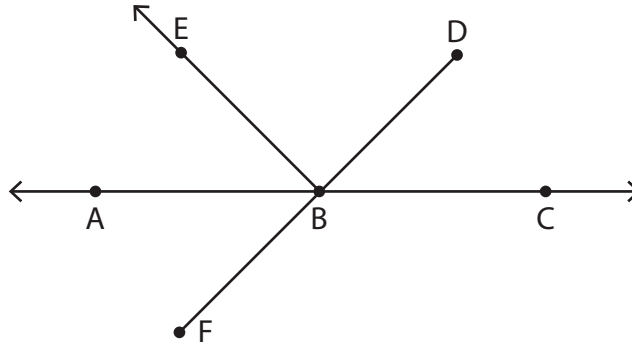
2) \overleftrightarrow{YZ}

3) \overrightarrow{QR}

Lines, Rays and Line segments

Read the figure and answer the questions.

1)



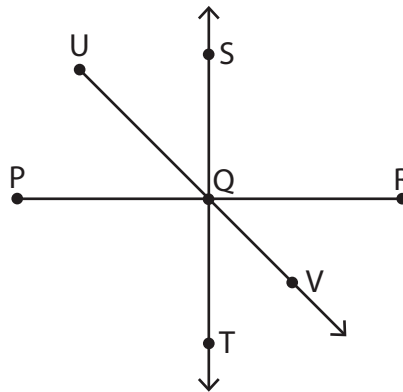
a) Name all the points.

b) Name any three rays.

c) Name any two line segments.

d) Name the line in two ways.

2)



a) Name the line that contains the point Q.

b) Name the two opposite rays.

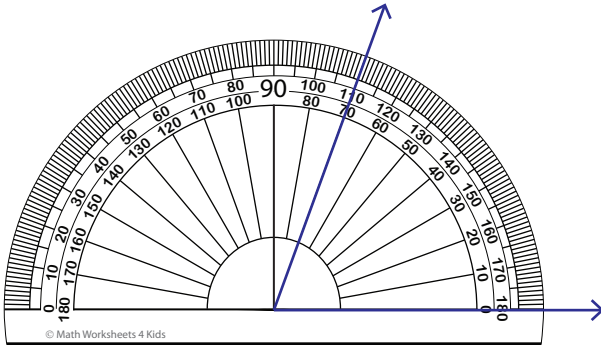
c) Name the end point of \overrightarrow{QT} .

d) Name all the points that lie on the \overleftrightarrow{ST} .

Reading Protractor

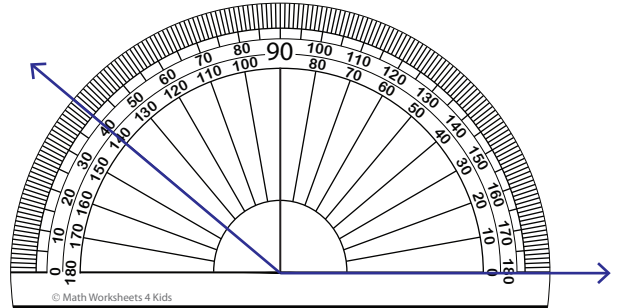
Measure each angle formed between a pair of rays using protractor.

1)



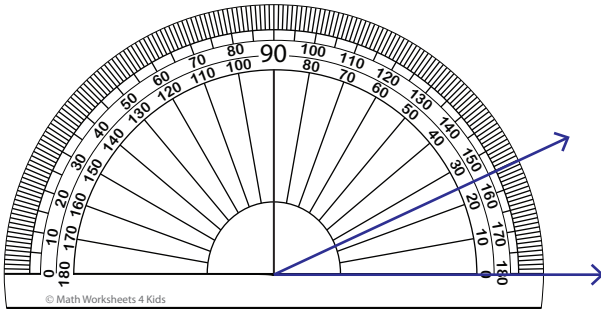
Angle : _____

2)



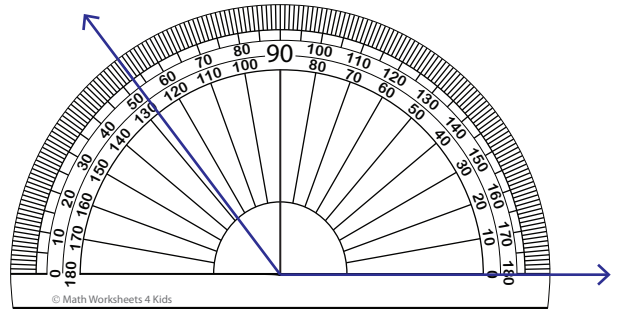
Angle : _____

3)



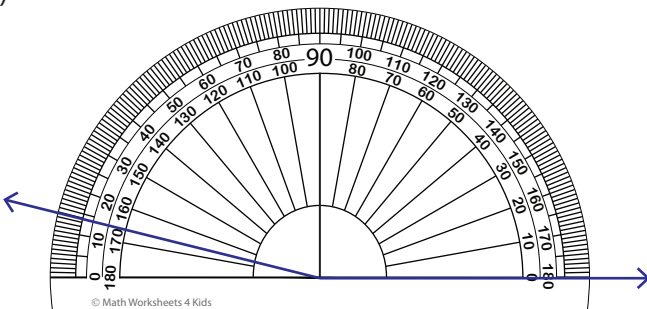
Angle : _____

4)



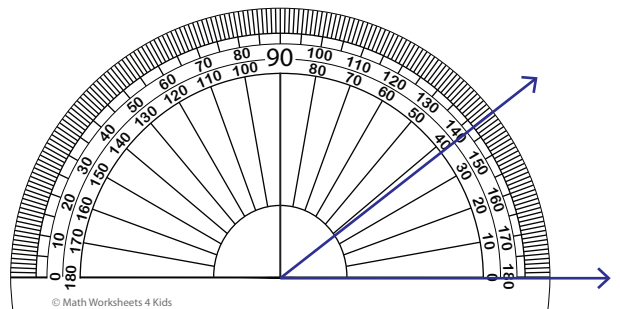
Angle : _____

5)



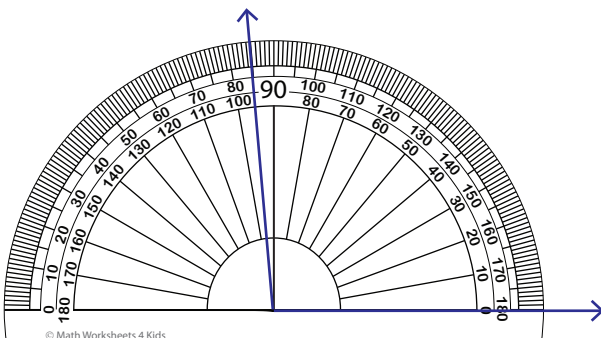
Angle : _____

6)



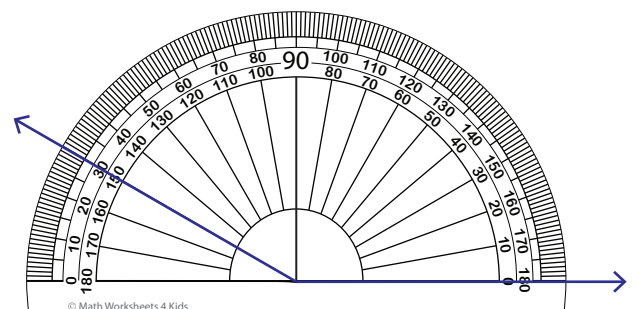
Angle : _____

7)



Angle : _____

8)

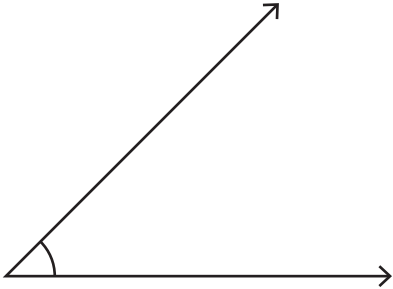


Angle : _____

Measuring Angles

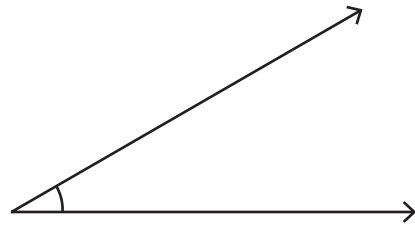
Measure each angle using protractor.

1)



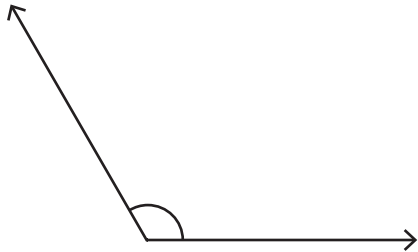
Angle: _____

2)



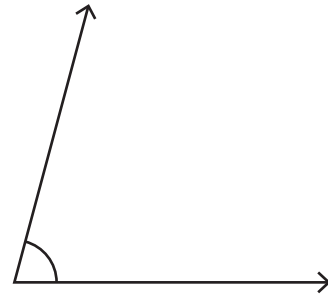
Angle: _____

3)



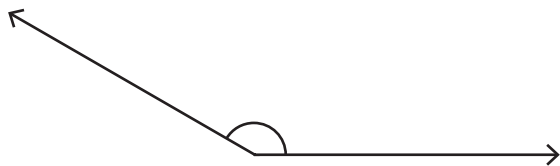
Angle: _____

4)



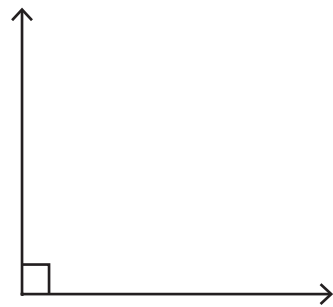
Angle: _____

5)



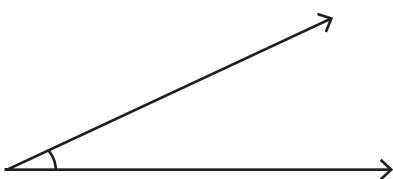
Angle: _____

6)



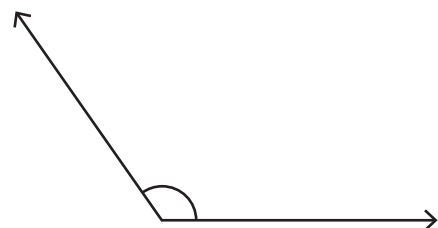
Angle: _____

7)



Angle: _____

8)



Angle: _____

Pages 6 to 18 are available only for members.

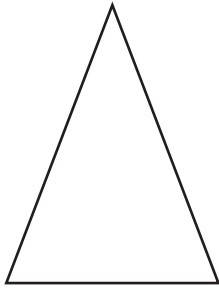
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workbooks and 40,000+ worksheets
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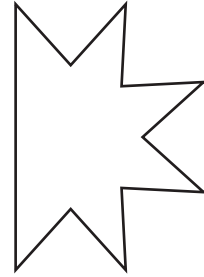
Symmetry in Shapes

Draw a line of symmetry on each shape.

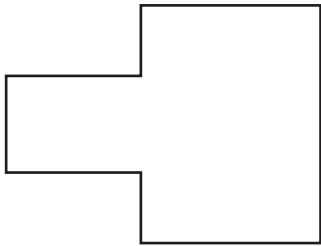
1)



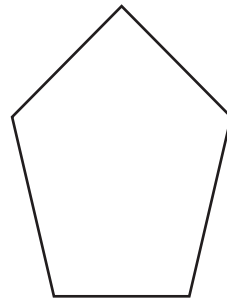
2)



3)



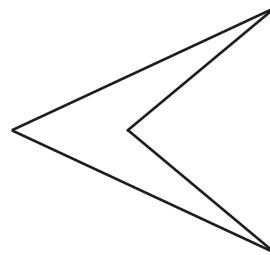
4)



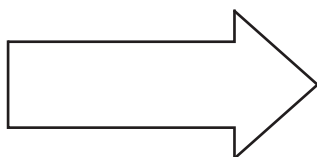
5)



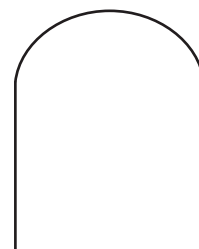
6)



7)



8)

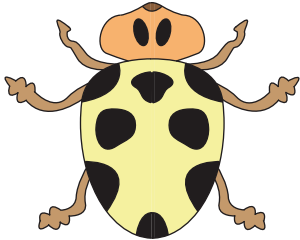


Symmetry in Real-life

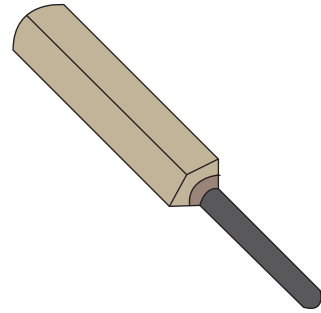
Draw a line of symmetry on each one.

(Some pictures may have more than one line of symmetry)

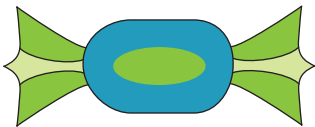
1)



2)



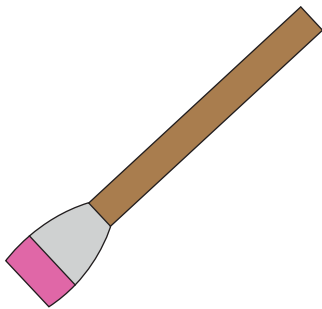
3)



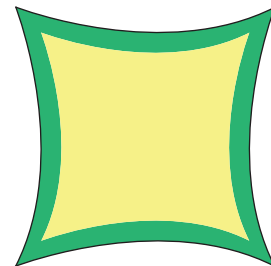
4)



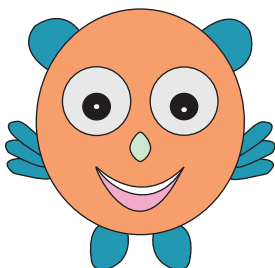
5)



6)



7)



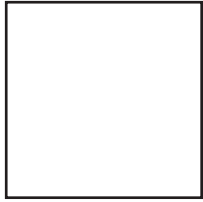
8)



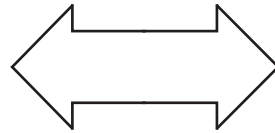
Lines of Symmetry

Draw lines of symmetry on each shape. Count and write the lines of symmetry you see.

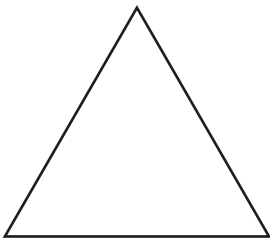
1)



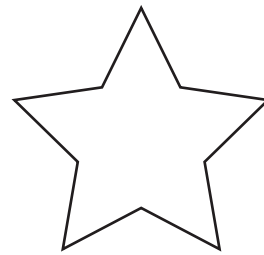
2)



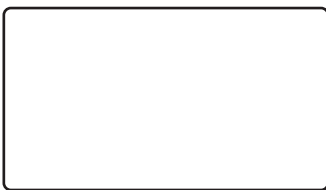
3)



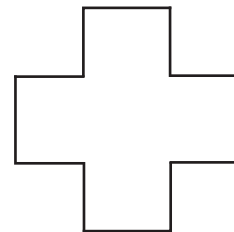
4)



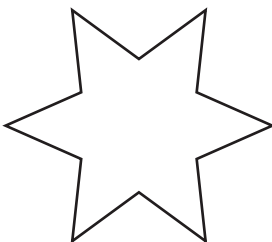
5)



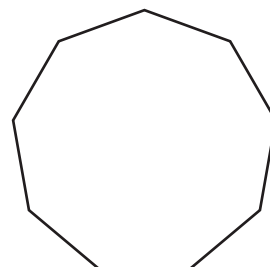
6)



7)



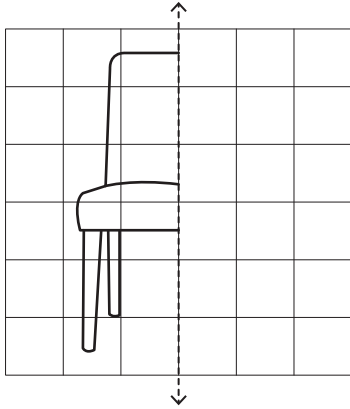
8)



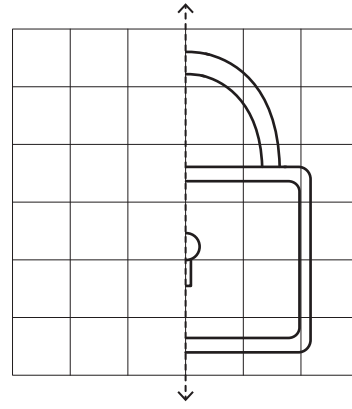
Mirror Image

Draw the other half of each symmetrical figure.

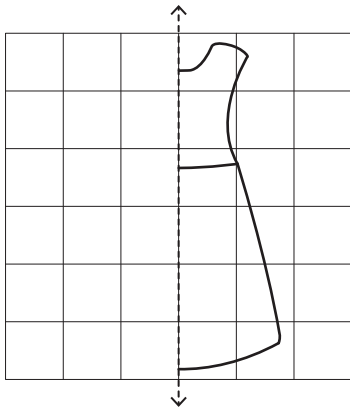
1)



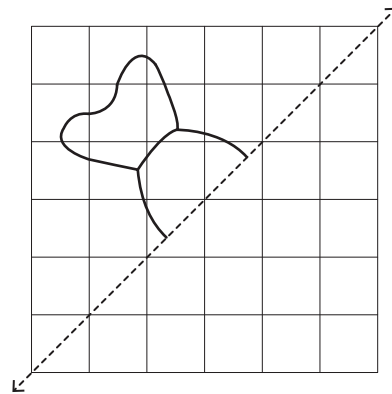
2)



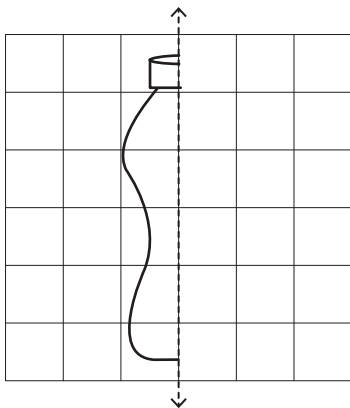
3)



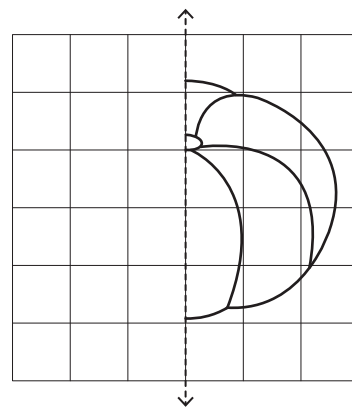
4)



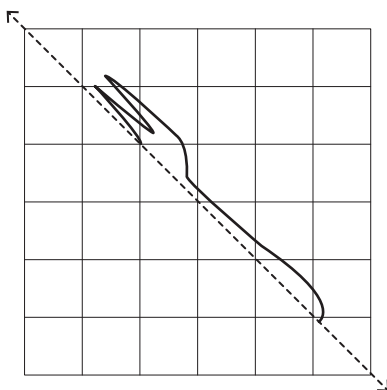
5)



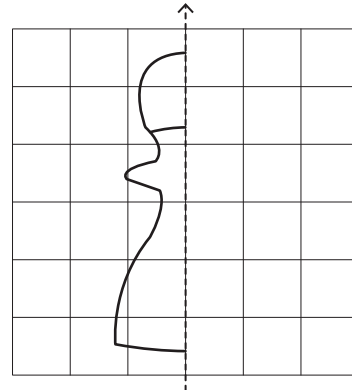
6)



7)

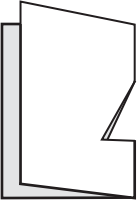
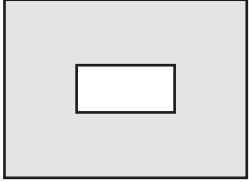

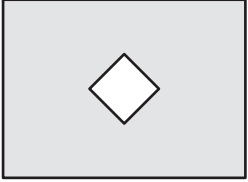


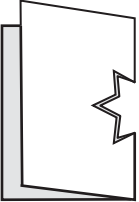
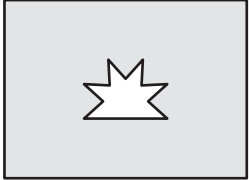
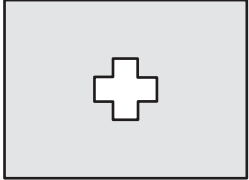
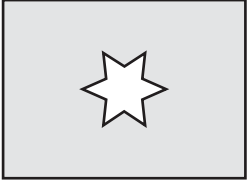
8)

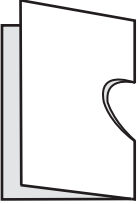
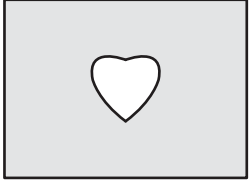
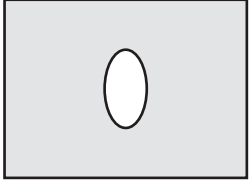
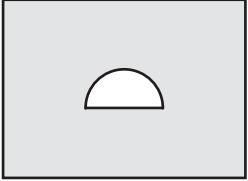


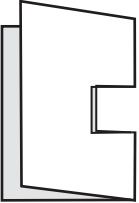
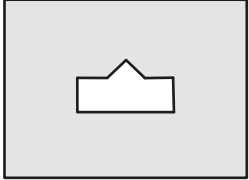
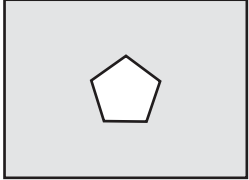
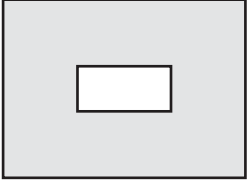
Unfold the Mystery

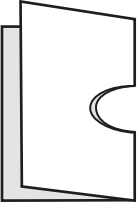
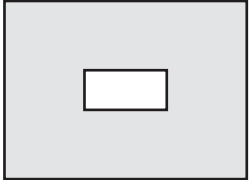
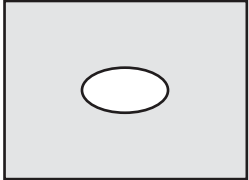
What is the shape obtained at the center when you unfold the paper?

1)  a)  b)  c) 

2)  a)  b)  c) 

3)  a)  b)  c) 

4)  a)  b)  c) 

5)  a)  b)  c) 