



## Geometry

### Unit 1—Tangrams

#### Entry Task

Name: \_\_\_\_\_

Period: \_\_\_\_\_

**I CAN create use geometry tools to create and identify geometric shapes.**

**1. Get the tools listed below:**

Compass

Ruler

Protractor

Triangles

Template sheet

**2. Begin to cut out the shapes (cut along the dotted lines)**

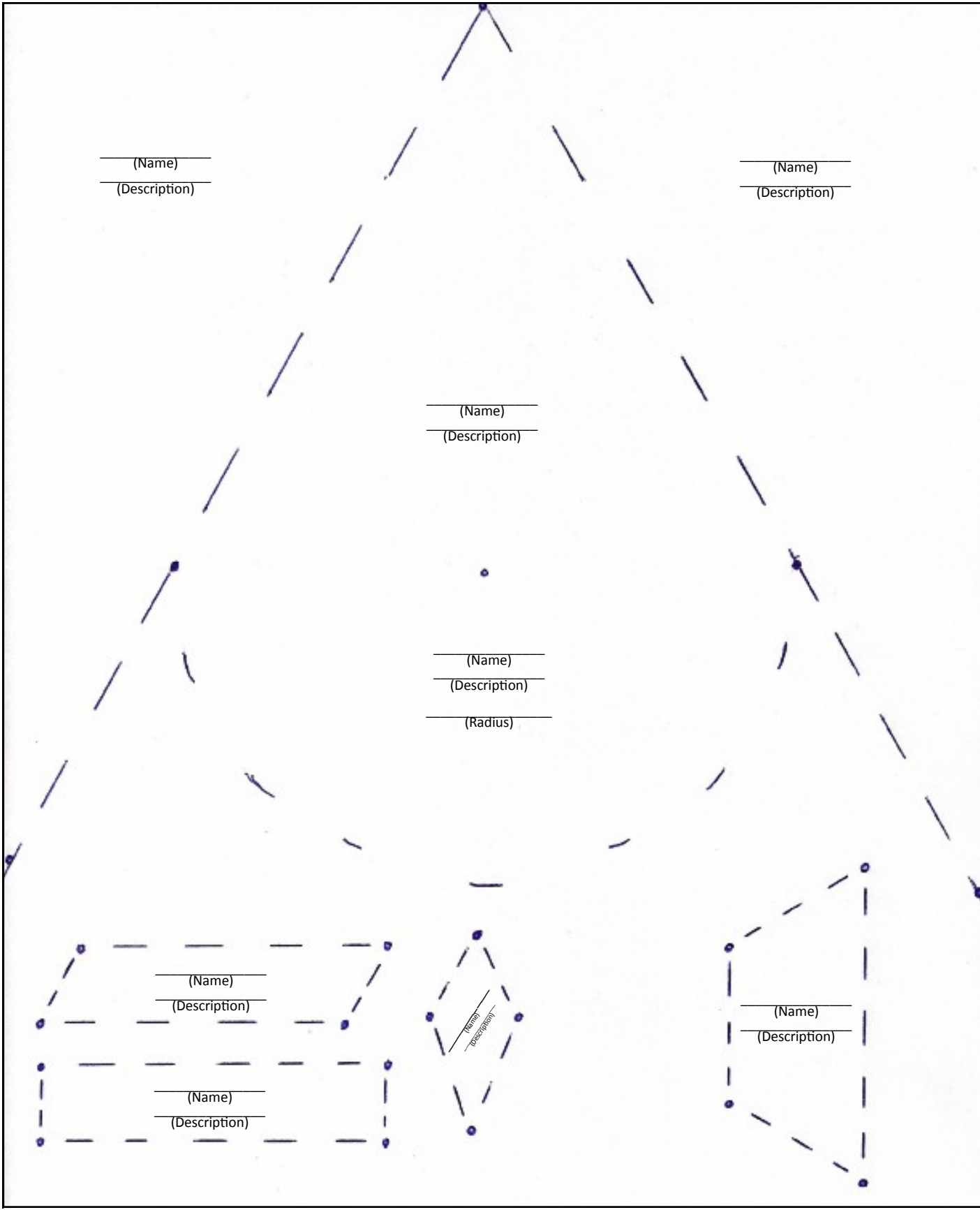
**A. Cut out triangles first, label the name of these triangles**

**B. Cut out the raindrop (ice-cream cone by following the curved dashed line.**

**Measure and label the radius, sides of the triangles, the angles of the triangle. Then label the shape.**

**C. Cut out the bottom 4 shapes and name and describe the shape.**

**3. Pin/tape your shapes to the wall to create a 'geometric storm'. Note: if you use tape make sure it is the blue painters tape.**



\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Description)

\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Description)

\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Description)

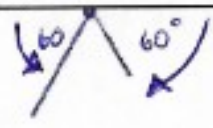
\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Description)  
\_\_\_\_\_  
(Radius)

\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Description)

\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Description)

\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Description)

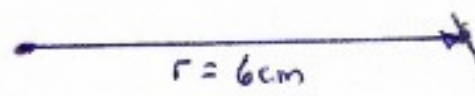
\_\_\_\_\_  
(Name)  
\_\_\_\_\_  
(Description)



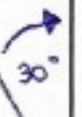
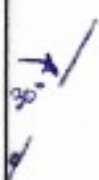
Special Right triangle  
 (Name)  
 30-60-90  
 (Description)

Special Right triangle  
 (Name)  
 30-60-90  
 (Description)

Equilateral triangle  
 (Name)  
 3 sides Equal  
 (Description)



Semicircle  
 (Name)  
 1/2 a circle  
 (Description)  
 6cm  
 (Radius)



parallelogram  
 (Name)  
 opposite sides parallel  
 and equal  
 (Description)

Rhombus  
 (Name)  
 all sides equal  
 (Description)

Trapezoid  
 (Name)  
 (Description)

rectangle  
 (Name)  
 opp. sides parallel and equal  
 angles are all 90  
 (Description)