

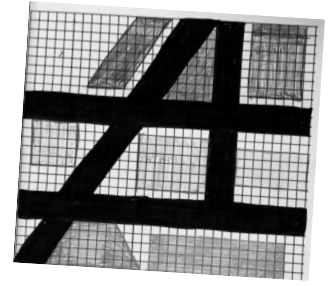
# Getting ready for 7th grade!

## Amusement Park Designer ~ Summer Math Project

**Materials:** pencil, colored , straight edge & provided grid sheet (back)

**Mission:** You are an amusement park designer! Choose your own theme and design the park of your dreams following the criteria below.

You are drawing and coloring the area that each walkway, ride and building will take up.



### 1. Your amusement park layout must have the following. Check them off as you go.

Walkways	Rides and Buildings	Shapes to Use
<input type="checkbox"/> 2 parallel walkways <input type="checkbox"/> 1 walkway that crosses the park forming perpendicular lines (right angles) <input type="checkbox"/> 1 walkway that forms acute and obtuse angles	<input type="checkbox"/> At least 5 rides (name them) <input type="checkbox"/> A ticket booth <input type="checkbox"/> A concession stand <input type="checkbox"/> Restrooms	<input type="checkbox"/> triangle <input type="checkbox"/> square <input type="checkbox"/> parallelogram <input type="checkbox"/> trapezoid <input type="checkbox"/> the rest rectangles

### 2. Add the names of each Ride/Building to the Map Legend and fill in your coloring code.

### 3. Complete the table after you design your amusement park on the grid on the back.

Rides & Buildings	Shape	Area (square units) (Concrete needed for foundation)	Perimeter (units) (fencing needed to go around it)
	<i>triangle</i>		Will learn how to do in Gr. 7!
	<i>square</i>		
	<i>parallelogram</i>		Will learn how to do in Gr. 7!
	<i>trapezoid</i>		Will learn how to do in Gr. 7!
	<i>rectangle</i>		
	<i>rectangle</i>		
	<i>rectangle</i>		
	<i>rectangle</i>		
	<b>TOTALS:</b>		

For other math practice this summer, keep up your fact fluency with Freckle Math!

Ottiwell code: rmfexa

Douglass code: 5kabp4

Your Khan Academy account will be active most of the summer, for practicing any skills you need to review or want to explore!

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

Designer (You): \_\_\_\_\_

MAP LEGEND			
<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	_____	<input type="checkbox"/>	_____

