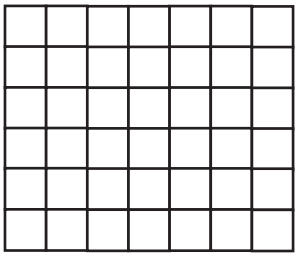


Name \_\_\_\_\_

Date \_\_\_\_\_

## Area: Arranging a Carnival

<p>The <b>area</b> is the space inside a two-dimensional shape that has straight lines.</p>		<p style="text-align: center;"><b>Add up the Squares:</b></p> <p style="text-align: center;">There are 42 total square units.</p>
<p>Calculate area by adding up all the squares inside the rectangle, or using the area equation.</p> <p style="text-align: center;"><b>Length x Width = Area</b></p>		<p style="text-align: center;"><b>Use the Equation:</b></p> <p style="text-align: right;">7ft X 6ft = A 7ft X 6ft = 42ft<sup>2</sup> 42 ft<sup>2</sup> = Area</p>

**Directions:** Find the missing rectangle dimensions for each activity in the table.

Activity	Dimensions	Area		Activity	Dimensions	Area
Basketball Dunk	4 ft x _____	40 ft <sup>2</sup>		Video Games	6 ft x _____	30 ft <sup>2</sup>
Ring Toss	_____ x 2 ft	32 ft <sup>2</sup>		Board Games	_____ x 7 ft	84 ft <sup>2</sup>
Wii Dance	2 ft x _____	20 ft <sup>2</sup>		Water Balloon Toss	1 ft x _____	16 ft <sup>2</sup>
Bag Toss	_____ x 3 ft	33 ft <sup>2</sup>		_____	8 ft x _____	72 ft <sup>2</sup>

**Directions:** Choose the activities for your carnival and use their dimensions to draw the space you'll need for each activity. Each box in the grid measures 1 foot. Leave at least 2 feet in between each activity.

