

Name \_\_\_\_\_ Date \_\_\_\_\_

### Naptime at the Zoo

You are working at a small zoo. The director has put you in charge of arranging temporary sleeping quarters for the 8 zebras and 10 chimpanzees while their regular habitat is being renovated. She has given you the following information:

**Zebra space requirements**

Each zebra needs at least 48 square feet of stall space for sleeping/shelter.  
 The zebras need to be able to easily turn around in the space provided.

**Chimpanzee requirements**

Each chimpanzee needs a space at least 6 ft by 6 ft for sleeping/shelter.

Design a barn with a stall for each zebra. Include space for a walkway and food storage. Sketch your design on the grid paper provided and record your measurements in the chart.

Zebra Stall dimensions	Area	Perimeter
Totals:		

Design quarters for each chimpanzee. Include space for a walkway and food storage.



**Georgia Department of Education**  
Georgia Standards of Excellence Framework

