

Name: _____



Variables and Equations Word Problems

Directions: Find the missing value.

1. An amusement park sold r adult tickets and 98 kids tickets during the first hour of opening. 194 tickets were sold in all. Find r .
2. The popcorn stand popped x cups of popcorn. 2 cups of popcorn were put into each of 27 bags. Find x .
3. The Garrison family spent \$75 at the amusement park. \$48 was spent on tickets and \$ y on snacks. Find y .



ANSWER KEY

1. An amusement park sold r adult tickets and 98 kids tickets during the first hour of opening. 194 tickets were sold in all. Find r .

$$r = 96$$

2. The popcorn stand popped x cups of popcorn. 2 cups of popcorn were put into each of 27 bags. Find x .

$$x = 54$$

3. The Garrison family spent \$75 at the amusement park. \$48 was spent on tickets and \$ y on snacks. Find y .

$$y = 27$$