



Name _____ Date _____

Problem Solving: Guess and Check

TAKS Objective 1
TEKS 5.3C

Solve.

1. John has chickens and cows on his farm. He has 3 times as many chickens as cows. If there are 48 animals in all, how many of each type of animal are there?

2. Ellen has 50 books. She has 12 more paperback than hardcover books. How many of each does she have?

3. A park office rents kayaks and canoes. It costs \$7 to rent a kayak and \$11 to rent a canoe. If 12 boats are rented one day and \$112 is collected, how many of each type of boat were rented that day?

4. A shipment contains boxes of raspberries and grapes. Each box of raspberries weighs 8 pounds and each box of grapes weighs 14 pounds. If there are 24 boxes in the shipment with a total weight of 258 pounds, how many boxes of each are there?

5. Percy, Tung, and Yori build model cars. Percy has 7 more model cars than Tung. Yori has twice as many as Tung. The three boys have 43 model cars in all. How many model cars does each boy have?

6. Iced tea comes in 10-ounce, 12-ounce, and 16-ounce bottles. There are 15 bottles of iced tea in a refrigerator that contain a total of 178 ounces. How many of each size bottle are in the refrigerator?
