

5.3**Practice**

For use after Lesson 5.3

Write a proportion to find how many points a student needs to score on the test to get the given score.

1. test worth 50 points; test score of 84% 2. test worth 75 points; test score of 96%

Use the table to write a proportion.

3.

	Trip 1	Trip 2
Miles	104	78
Gallons	4	g

4.

	Tree 1	Tree 2
Inches	15	x
Years	4	3

Solve the proportion.

5. $\frac{1}{3} = \frac{x}{12}$

6. $\frac{5}{9} = \frac{25}{y}$

7. $\frac{26}{z} = \frac{13}{22}$

8. $\frac{b}{30} = \frac{2.6}{1.5}$

9. A local Humane Society houses 300 animals. The ratio of cats to all animals is 7 : 15.

a. Write a proportion that gives the number of cats c .

b. How many cats are in the Humane Society?