

Name: _____ #: _____ Date: _____

Extra Practice: Multiplicative Comparison

1. Shannon has lived in San Diego for 3 years. Doug has lived in San Diego for 6 times as many years. How long has Doug lived in San Diego?

Make a drawing to represent the problem:

Write an equation to represent the problem:

Answer: Doug has lived in San Diego for _____ years.

2. Joe has been on a swim team for 2 years. Jovan has been on a swim team for 5 times as many years. How long has Jovan been on a swim team?

Make a drawing to represent the problem:

Write an equation to represent the problem:

Answer: Jovan has been on a swim team for _____ years.

3. Paul raised \$48 for a local charity. Sara raised \$8. How many times as much money did Paul raise than Sara?

Make a drawing to represent the problem:

Write an equation to represent the problem:

Answer: Paul raised _____ times as much money as Sara.

4. Karen read 17 books for a reading contest. Keith read 4 times as many books as Karen. How many books did Keith read?

Make a drawing to represent the problem:

Write an equation to represent the problem:

Answer: Keith read _____ books.

5. Mel walks 5 times as far as Jeremy. If Jeremy walks 4 miles, how much farther does Mel walk than Jeremy?

Make a drawing to represent the problem:

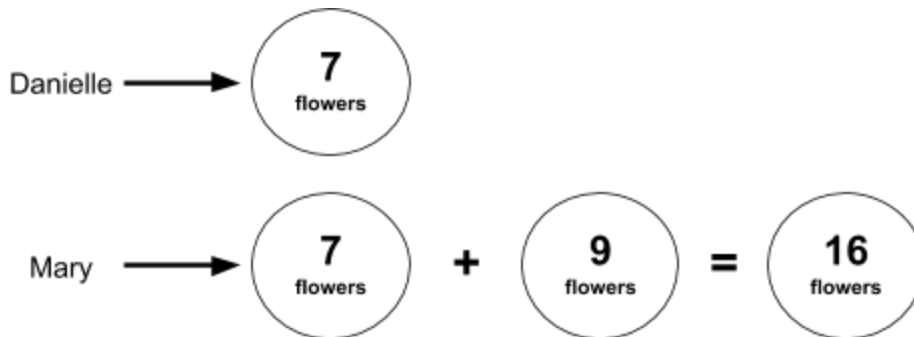
Write an equation to represent the problem:

Answer: Mel walked _____ more miles than Jeremy.

Look at the example below. Can you find the mistake?

6. Danielle has 7 flowers. Mary has 9 times as many flowers. How many flowers does Mary have?

Make a drawing to represent the problem:



Write an equation to represent the problem:

Danielle had 7 flowers and Mary had 9 more, so Mary had $7 + 9$ flowers, which equals 16 flowers total.

Equation: $7 + 9 = 16$

Answer: Mary has 16 flowers.

What was the mistake? What should this student have done instead? Explain your thinking below.