Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_ Period: \_\_\_\_

**For each of the following problems, write and solve a proportion. (Label each part of your proportion.)**

**19**. Jared and Pedro walk 1 mile in about 15 minutes. They can keep up this pace for several hours.

1. About how far can they walk in 90 minutes?
2. About how far can they walk in 65 minutes?

**20.** Swimming of a mile uses about the same number of Calories as running 1 mile.

1. Gilda ran a 26-mile marathon. About how far would her sister have to swim to use the same number of Calories Gilda used during the marathon?
2. Juan swims 5 miles a day. About how many miles would he have to run to use the same number of Calories used during his swim?

**21**. After testing many samples, an electric company determined that approximately 2 of every 1,000 light bulbs on the market are defective. Americans buy more than a billion light bulbs every year. Estimate how many of these light bulbs are defective.