

Name \_\_\_\_\_ Date \_\_\_\_\_

# Light Years

Directions: Go to <http://www.easysurf.cc/cnver15.htm> and answer the following questions.

1) How many **kilometers** are there in **1.1 light years**?  
Round your answer to the hundred millions place.



2) How many **miles** are there in **1.25 light years**? Round your answer to the hundred billions place.

3) How many **light years** are there in **ten billion miles**? Round your answer to the hundred millions place.

4) How many **light years** are there in **123,000,000,000,000 miles**?

5) A **light year** is defined as *the distance that light travels in one year*. The speed of light is 671,000,000 miles per hour (mph). If Joe travels 1/8th the speed of light for 1,000 hours, how many light years will have traveled?