SOLVE ALL NEATLY ON THE BINDER PAPER USING DIMENSIONAL ANALYSIS!

1. How many kilometers are equivalent to 1.45×10^7 millimeters?

2. How many inches are equivalent to 45.7 feet?

3. How many millimeters are equivalent to 5.20 kilometers?

4. Light travels at a speed of 186,000. miles per second. How many kilometers will it travel in 2.00 hours?

5. Convert 17.5 miles per hour into yards per minute

6. A car can travel 42.00 miles on a gallon of gasoline. How many kilometers per liter is this?

7. If apples cost me $3.28 per pound, how much would 2.7 pounds of apples cost in dollars per gram?