

Remember to show your work, cancel units, and **box your answer**.

1. Convert 3.88 cm to inches.

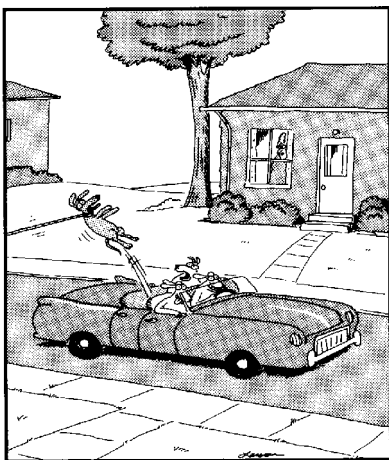
2. Convert .0044 miles to cm.

3. Convert 1.7 hours to seconds

4. Convert 3,499 mm to inches

5. Convert 22.5 km/hr to m/sec.

6. **(Extra Credit)** The space shuttle travels in orbit around the Earth every 1.7 hours. The length of each orbit is 72,250 km. How fast is the shuttle moving in feet per second?



Careening through the neighborhood with reckless abandon, none of them suspected that Tuffy was still tied up.



"Hey! ...You!"



Fortunately for Sparky, Zeke knew the famous "Rex maneuver."