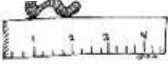


Name: \_\_\_\_\_

## 6.4 Ratios for Customary Units of Measurements Length

**Step One: Study the chart below**

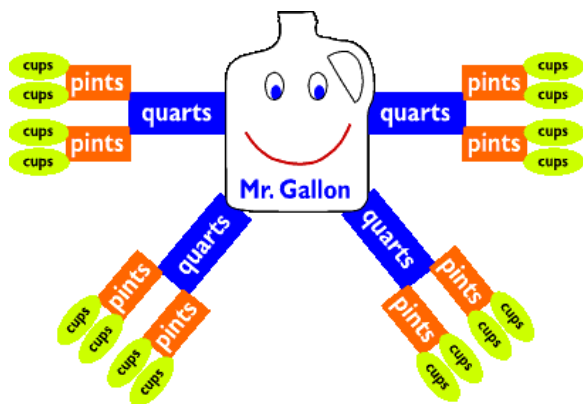
Customary Units of Length	
1 foot (ft)	= 12 inches (in)
1 yard (yd)	= 3 feet (ft)
1 yard (yd)	= 36 inches (in)
1 mile (mi)	= 1,760 yards (yd)
1 mile	= 5,280 feet (ft)



**Step Two: Answer the following questions**

1. How many inches are in a yard? \_\_\_\_\_
2. How many inches are in a mile? \_\_\_\_\_
3. How many feet are in two miles? \_\_\_\_\_
4. How many inches are in three yards? \_\_\_\_\_
5. How many yards are in 12 miles? \_\_\_\_\_

Use the following pictures to help you answer the homework questions:



### Customary Units of Length

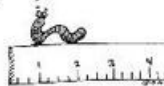
1 foot (ft) = 12 inches (in)

1 yard (yd) = 3 feet (ft)

1 yard (yd) = 36 inches (in)

1 mile (mi) = 1,760 yards (yd)

1 mile (mi) = 5,280 feet (ft)



<b>Practice</b>	
<i>Use equivalent ratios to convert :</i>	
1. 4 pints to quarts	2. 5 miles to feet
3. 2 yards to feet	4. 64 pints to gallons
5. 15 cups to quarts	6. 1,000 feet to miles
7. 2 ½ yards to feet	8. 16 inches to feet
9. 10,000 feet to miles	10. 64 inches to feet