

# Math Practice Sheets

Measurement Units, Time, and Temperature Part I



Student Name

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**Examples**

**Practice Questions**

**Extra Challenge Unit**

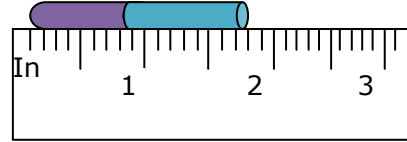
Unit  
19.1

# Customary Units

## Example

The customary unit of length is the inch.  
What will be the length of the given object?

The length is  $1\frac{4}{5}$  inch.



The common customary units of capacity (volume) are gallon (gal), quart (qt), pint (pt), cup(c), fluid ounce (fl oz).

We have,

$$1 \text{ gal} = 4 \text{ qt i.e. } 1 \text{ qt} = \frac{1}{4} \text{ gal}; 1 \text{ qt} = 2 \text{ pt i.e. } 1 \text{ pt} = \frac{1}{2} \text{ qt};$$

$$1 \text{ pt} = 2 \text{ c i.e. } 1 \text{ c} = \frac{1}{2} \text{ pt and } 1 \text{ c} = 8 \text{ fl oz i.e. } 1 \text{ fl oz} = \frac{1}{8} \text{ c}$$

## Exercise

1. Find the length of the following segments and express in inches.

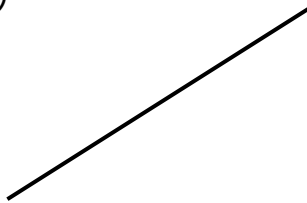
a)



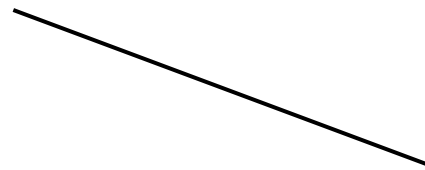
b)



c)



d)



2. What are the length and the width of your science book?