Name: _____

Lesson Guide

This lesson guide accompanies the following video lesson:

Unit Conversion Practice

Reference:

UNIT CONVERSION	UNIT CONVERSION
100 cm = 1 m	1 quart = 4 cups

Problem #1

Sonia wants to make 100 bracelets to sell on her website.
Each bracelet requires ten centimeters of silk cord.
If she has 8.25 meters of cord, how many more centimeters does Sonia need to make 100 bracelets?

100 total

My Answer: _____

Problem #2

Rusney has a jug that holds 20 cups of tea. He uses the jug to fill one-quart jars. If Rusney uses all of the tea in the jug, how many jars did he fill?

My Answer: _____

Problem #3

Brian is replacing the chains on 8 bicycles in his repair shop.
Each bike chain requires 152 centimeters of metal chain.
If he currently has 6.75 meters or chain, how many more centimeters does he need?

My Answer: _____

Problem #4

Luciano has a bucket that holds 50 cups of potting soil. He uses the bucket to fill half-quart planters. If Luciano uses all of the sand in his bucket, how many planters did he fill?

My Answer: _____

ANSWER KEY

ANSWER KEY

1.)   175 centimeters of cord

2.)   He can fill 5 jars

3.)   He needs 541 cm of extra chain

4.)   25 planters