

Name _____

Date _____

Converting Between Units in Standard and Metric Systems

In this worksheet, we will practice converting between units in standard and metric systems. First, let us review some basic US and metric measurements for length, which is the type of measuring that we will be doing in this worksheet.

US System:

1 foot = 12 inches
1 yard = 3 feet
1 mile = 1760 yards

Metric System:

1 centimeter = 10 millimeters
1 meter = 100 centimeters
1 kilometer = 1000 meters

Exercise Questions:

1. 36 inches = ____ feet

2. 15 feet = ____ inches

3. 6 yards = ____ feet

4. 5 miles = ____ yards

5. 1 mile = ____ feet

6. 25 centimeters = ____ millimeters

7. 1400 centimeters = ____ meters

8. 17 kilometers = ____ meters

9. Ellis' table is 1,200 millimeters long.

How long is her table in centimeters?

How long is her table in meters?

10. Jonathan ran 5 kilometers.

How many meters did he run?

How many centimeters did he run?



Answer Key

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Exercise Questions:

1. 36 inches = 3 feet

2. 15 feet = 180 inches

3. 6 yards = 18 feet

4. 5 miles = 8800 yards

5. 1 mile = 5280 feet

6. 25 centimeters = 250
millimeters

7. 1400 centimeters = 14 meters

8. 17 kilometers = 17,000 meters

9. Ellis' table is 1,200 millimeters long.

How long is her table in centimeters?
120

How long is her table in meters?
1.2

10. Jonathan ran 5 kilometers.

How many meters did he run?
5,000

How many centimeters did he run?
500,000

