

Mathematics 1201
Assignment #1
Sections 1.1 – 1.3

Multiple Choice: Place the correct answer to each of the following in the blank at the right.

- _____ 1. Which referent could you use for 1 m?
a. The width of a computer keyboard
b. The length of a dinner fork
c. The length of your stride
d. The width of a classroom in your school
- _____ 2. Which referent could you use for 1 cm?
a. The depth of a kitchen sink
b. The length of a public swimming pool
c. The width of your shortest finger
d. The length of a walking stick
- _____ 3. Which referent could you use for 1 km?
a. The distance equal to $2\frac{1}{2}$ laps on an oval running track
b. The length of an iPod
c. The length of a snowboard
d. The length of your arm span
- _____ 4. Which referent could you use for 1 mm?
a. The width of the head of an ant
b. The diameter of a beach ball
c. The distance between British Columbia and Manitoba
d. The length of a sheet of loose-leaf paper
- _____ 5. Which referent could you use for 1 yd.?
a. The width of your shortest finger
b. The length of a screwdriver
c. The height of the kitchen counter above the floor
d. The length of a football field
- _____ 6. Which referent could you use for 1 in.?
a. The distance from where you are now to the nearest restaurant
b. The diameter of a bicycle wheel
c. The length of your calculator
d. The width of your largest toe
- _____ 7. Which referent could you use for 1 mi.?
a. The length of a salmon
b. The height of a grizzly bear standing on its hind legs
c. The distance equal to 4 laps on an oval running track
d. The thickness of a sheet of loose-leaf paper

- _____ 8. Which referent could you use for 1 ft.?
- a. The distance between Regina and Whitehorse
 - b. The diameter of a basketball
 - c. The height of your math teacher
 - d. The height of an ice hockey net
- _____ 9. Which SI unit is most appropriate for measuring the length of a soccer field?
- a. Metres
 - b. Millimetres
 - c. Kilometres
 - d. Centimetres
- _____ 10. Which SI unit is most appropriate for measuring the width of your desk?
- a. Kilometres
 - b. Centimetres
 - c. Metres
 - d. Millimetres
- _____ 11. Which imperial unit is most appropriate for measuring the length of a ladder?
- a. Feet
 - b. Yards
 - c. Miles
 - d. Inches

Show your workings for each of the following

12. Convert each of the following.

A) 28 miles to kilometres

B) 24 yards to feet

C) 100 inches to yards, feet, and inches

D) 6 feet 5 inches to inches

E) 5 yards 6 inches to inches

F) 112 inches to feet and inches

F) 20 000 feet to miles, yards, and feet.

