Name: Date:

Math 1201 In-class Worksheet

**UNIT CONVERSIONS**

**1ft. = 12 in. 1in. = 2.5 cm**

**1yd. = 3 ft. 1mi. = 1.6 km**

**1 mi. = 1760 yd.**

1. Convert 700 inches to yards, feet and inches

2. Convert 125 ft. to yards and feet.

3. Mark is 182.5 cms tall. What is his height in feet and inches?

4. Fred is 65 miles away from Susan. Alex is 114 kms away from Susan. Who is closer? Show your workings.

1. How many cms are in 4 yards?
2. Joe wants to put a baseboard along the wall of his room. The total perimeter around the room is 558 inches. His door is 2 ft wide and needs to be excluded from this.

What is the total length of baseboard he needs in feet and inches?

**b)** The material is sold by the foot. It costs $1.65/ft.

 What will be the cost of material before taxes?