Mathematics 1201
Journal Entry
Measurement

Imperial System		SI System
1 ft. = 12 in.		1 cm = 10 mm
1 yd. = 3 ft.		1 mm = 0.1 cm
1 yd. = 36 in.		1 m = 100 cm
1 mi. = 1760 yd.		1 cm = 0.01 m
1 mi. = 5280 ft.		1 km = 1000 m
		1m = 0.001 km

Imperial to SI
1 in = 2.54 cm $\doteq$ 2.5 cm
1 mi. = 1.6 km

A) Insert the following referents into the table for each linear measure.

   i) 20 minute walk
   ii) standard length of a floor tile
   iii) width of a volleyball net
   iv) thickness of a hockey puck
   v) thickness of a dime
   vi) width of a paper clip
   vii) distance from tip of nose to outstretched finger
   viii) 15 minute walk

Measurement	Referent
mm	
cm	
m	
km	
in	
ft	
yd	
mi	

B) John is 6 ft. 8 in tall. Show how you would find John's height in metres.