

Apprenticeship Math 12
UNITS & CONVERSIONS – Practice Quiz

Name: _____

Date: _____

Please show your work!

1 foot = 12 inches 1 yard = 3 feet 1 yard = 36 inches 1 mile = 1760 yards 1 mile = 5280 feet	1 inch = 2.54 cm 1 foot = 30.48 cm 1 yard = 0.9144 m 1 mile ≈ 1.609 km	1 cm = 10 mm 1 m = 100 cm 1 m = 1000 mm 1 km = 1000 m
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Learning Outcome	
• I can choose appropriate length units.	

1. Select appropriate imperial and metric units to measure each of the following items.

	Item	Appropriate Imperial Unit	Appropriate Metric Unit
a)	Distance around the Masich stadium track		
b)	Height of Ms. B's water bottle		
c)	Height of this room		
d)	Thickness of the top of your desk		
e)	Distance from PGSS to the airport		

2. Use the ruler provided to measure each line to the nearest millimetre.

a) _____ mm 

b) _____ mm 

3. Use the ruler provided to measure each line to the nearest $\frac{1}{16}$ of an inch.

a) _____ in. 

b) _____ in. 

<u>Learning Outcome</u>	
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| <ul style="list-style-type: none">• I can convert between Imperial length units. | |
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4. Convert the following. If rounding is necessary, round to the **nearest hundredth**.

a) 4 ft 3 in = _____ inches

b) 20.5 miles = _____ yards

c) 77 inches = _____ ft _____ in

d) 60 yards = _____ feet

<u>Learning Outcome</u>	
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| <ul style="list-style-type: none">• I can convert between metric length units. | |
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5. Convert the following. If rounding is necessary, round to the **nearest hundredth**.

a) 19.5 m = _____ cm

b) 123 456 cm = _____ km

c) 93.7 m = _____ mm

d) 25.34 cm = _____ m