ALBERTA DISTANCE LEARNING CENTRE
Mathematics 10-3
MAT1793
Unit C: Measurement
Chapter 5 Lesson 4

Summary

	Marks Earned	Total Possible Marks	Percent
Lesson 4		29	

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☰ **Lesson Assignment**

This assignment includes short answer questions. Be sure to show all necessary work. You may ask for clarification from your teacher, but you will not be given the answer.

Lesson 4

1. Complete the following conversions.

②   a. 128 m to feet

③   b. 3910 yd to kilometres
        Convert to metres first.

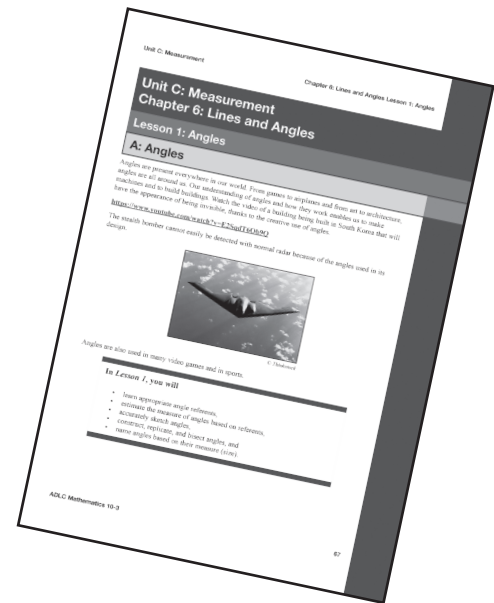③ 2. Paul is running in a 10 000 m race. How far will he run, in miles?
        Hint: Convert to km first.

(2)   3.   A loaf of bread has a mass 675 g. Convert this mass to ounces.

(2)   4.   Rajpinder is baking a cake that requires $\frac{1}{3}$ US cup of oil. How many millilitres does she need?

(2)   5.   A hot water tank holds 150 L. How many UK gallons would it hold?

(2)   6.   Convert 2.5 cm^3 to cubic inches.

(2)   7.   What is the volume, in cubic metres, of a pile of firewood that measures $2 \ \text{yd}^3$?

(2)   8.   The area of the glass floor of the Calgary Tower is $162 \ \text{ft}^2$. To the nearest tenth, what is the area, in square metres?

(4)   9.   The city of Los Angeles covers $503 \ \text{mi}^2$. How many square kilometres does the city cover? Round the answer to the nearest tenth of a square kilometre.
              Hint: Calculate the conversion ratio first.

②   10.   Room temperature is $20\,°C$. What is this temperature equivalent to, on the Fahrenheit scale?

③   11.   Normal body temperature is about $37\,°C$. Does a body temperature of $102\,°F$ indicate a fever? Explain.

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You have completed *Lesson 4 Assignment*. Please return to the *Module* and continue your exploration with *Chapter 6: Lines and Angles*.

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