

ALBERTA DISTANCE LEARNING CENTRE

Mathematics 10-3

MAT1793

Unit C: Measurement

Chapter 5 Lesson 4

Student's Questions and Comments

FOR STUDENT USE ONLY

Student Name:

FOR ADLC USE ONLY

Assigned to

Marked by

Date received

Summary

	Marks Earned	Total Possible Marks	Percent
Lesson 4		29	

Teacher's Comments:

Teacher's Signature

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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?

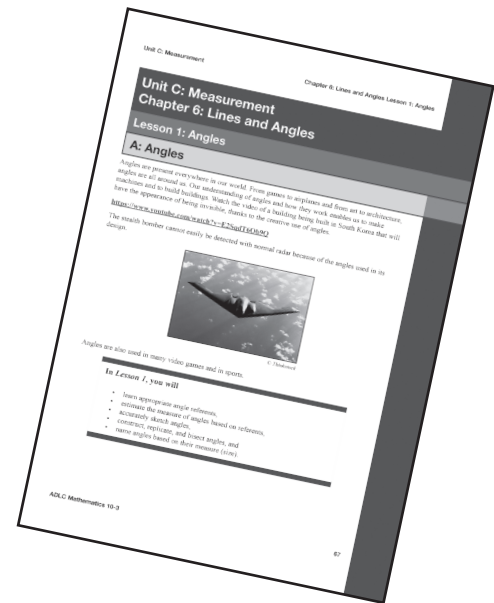
Hint: Convert to km first.

- 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 yd^3 ?
- ② 8. The area of the glass floor of the Calgary Tower is 162 ft^2 . To the nearest tenth, what is the area, in square metres?
- ④ 9. The city of Los Angeles covers 503 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.

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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