

# ALBERTA DISTANCE LEARNING CENTRE

## Science 10 Online

SCN1270

### Unit B: Section 2

### Assignment B2: Part B

**Student's Questions  
and Comments**

**FOR STUDENT USE ONLY**

Student ID:

\_\_\_\_\_

**FOR ADLC USE ONLY**

Assigned to:

\_\_\_\_\_

Marked by:

\_\_\_\_\_

Date received:

\_\_\_\_\_

	Total	Total Possible
Lesson 5		6
Lesson 6		5
<b>TOTAL</b>		<b>11</b>

**Teacher's Comments:**

\_\_\_\_\_  
**Teacher's Signature**

## CANADIAN CATALOGUING IN PUBLICATION DATA

SCN1270  
Science 10  
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Assignment B2: Part B

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# ADLC

Alberta Distance  
Learning Centre

## Unit B: Section 2: Lessons 5 to 8

### Energy and Matter in Chemical Change

#### Assignment B2: Part B

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**Instructions:**

Complete the following assignment. This assignment will count toward your final mark in this course, and you will be allowed to submit this assignment only once. Make sure you answer all the questions. Blank or incomplete assignments will not be accepted for marks.

Remember, the number of marks each question is worth gives you a hint about how detailed you need to make your answers. Calculation questions require you to show all your work. This includes formula, substitution, and answer with correct significant digits and units.

Your online course will provide you with instructions on how to submit this assignment when it is time to submit it.

Total  
6

## Lesson 5: Naming Ionic Compounds

6

1. Write formulas for the following compounds.

a. barium iodide \_\_\_\_\_

b. magnesium phosphide \_\_\_\_\_

c. tin(IV) sulfide \_\_\_\_\_

d. lithium carbonate \_\_\_\_\_

e. aluminium cyanide \_\_\_\_\_

f. strontium chloride-water(1/2) \_\_\_\_\_

**Total  
5**

## Lesson 6: Naming Molecular Compounds and Acids

**3**

2. Write formulas for the following compounds.

a. diselenium dibromide \_\_\_\_\_

b. tetraphosphorus decaoxide \_\_\_\_\_

c. arsenic trisulfide \_\_\_\_\_

**2**

3. Write formulas for the following acidic compounds

a. hydrofluoric acid \_\_\_\_\_

b. carbonic acid \_\_\_\_\_

**ADLC**

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