

Chapter 4 Test

For questions 1 to 4, write the term from column B that matches the statement in column A.

A	B
<p>1. Dry cleaning uses the solvent PERC: _____</p> <p>2. The chemist identified the blue powder as copper sulphate: _____</p> <p>3. Sunscreen protects skin from damage by absorbing harmful ultraviolet rays: _____</p> <p>4. Kelly found the fumes from the hair dye made her nose itch and her eyes water: _____</p>	<p>a) expert testimony</p> <p>b) scientific explanation</p> <p>c) example or experience</p> <p>d) fact or statistic</p> <p>e) opinion</p>

5. As you read the article, mark the types of support.

- a)** Underline the expert testimony and scientific explanation.
- b)** Highlight the facts and statistics.
- c)** Circle the experience and examples.

DDT is a chemical called dichloro-diphenyl-trichloroethane. It was created around World War II to kill mosquitoes that were spreading diseases like malaria. This powerful chemical was also used in agriculture to kill some of the insects that damage crops.

It wasn't until 1962 that scientists started to observe the long-term effects of DDT. They observed that eagle and osprey eggshells were

weak and often broke before the young birds could be born. They saw that bird populations started to drop.

Experts have found that DDT harms the reproductive and immune systems of animals, but they have not found the same effects on humans. DDT is banned in many countries and the United Nations has banned it from agriculture. Malaria continues to kill nearly 1.3 million people each year.

6. Use the article from question 5 to complete the PMI chart for DDT.

Plus	Minus	Interesting
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

7. a) Based on what you have read about DDT, do you think it should be banned in Canada? Complete the chart to outline your opinion.

Opinion	Points Supporting Your Opinion
_____	• _____
_____	_____
_____	• _____
_____	_____
_____	• _____
_____	_____

b) Outline one other opinion that someone might have and why they might have that opinion.

c) Write a paragraph based on the information in a) and b). You may need to use the back of this sheet.

8. Why is it important to provide support for your opinion?
