**Case Study: Smelting Emissions, Determining Acceptable Levels of Risk from Exposure**

Read the Case Study found on pg. 198-199 in your textbook. Using your textbook and the internet, answer the following questions.

1. What is base metal smelting?
2. During the smelting process cadmium, arsenic, lead, mercury, nickel and sulfur dioxide can be released into the environment. Research the health effects of exposure to **cadmium**.
3. How do smelters contribute to Ontario’s economy?
4. Where are they located?
5. Should people who live near smelters have to accept even a low level risk of exposure to harmful smelter emissions?

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1. What is base metal smelting?
2. During the smelting process cadmium, arsenic, lead, mercury, nickel and sulfur dioxide can be released into the environment. Research the health effects of exposure to **arsenic**.
3. How do smelters contribute to Ontario’s economy?
4. Where are they located?
5. Should people who live near smelters have to accept even a low level risk of exposure to harmful smelter emissions?

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Read the Case Study found on pg. 198-199 in your textbook. Using your textbook and the internet, answer the following questions.

1. What is base metal smelting?
2. During the smelting process cadmium, arsenic, lead, mercury, nickel and sulfur dioxide can be released into the environment. Research the health effects of exposure to **sulfur dioxide**.
3. How do smelters contribute to Ontario’s economy?
4. Where are they located?
5. Should people who live near smelters have to accept even a low level risk of exposure to harmful smelter emissions?

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Read the Case Study found on pg. 198-199 in your textbook. Using your textbook and the internet, answer the following questions.

1. What is base metal smelting?
2. During the smelting process cadmium, arsenic, lead, mercury, nickel and sulfur dioxide can be released into the environment. Research the health effects of exposure to **mercury**.
3. How do smelters contribute to Ontario’s economy?
4. Where are they located?
5. Should people who live near smelters have to accept even a low level risk of exposure to harmful smelter emissions?