

Lesson 8 Operation Water Pollution

Cost of Water

In order to determine the cost of water we have to do a little math first.

1. As a class, calculate the number of bottles seen
2. Assume that each bottle was 1 litre and complete the following calculation

$$\text{Total number of bottles} \times 1 \text{ litre/bottle} = \text{Total number of litres}$$

3. Calculate the total cost of the bottled water assuming that the bottled water cost \$1/litre.

$$\text{Total number of litres} \times \$1/\text{litre} = \text{Total amount in dollars}$$

4. Calculate the total cost of the water if it had been tap water assuming that the tap water costs 0.0020 dollars/litre.

$$\text{Total number of litres} \times 0.0020 \text{ dollars/litre} = \text{Total amount in dollars}$$

5. Compare the cost of bottled water and tap water in a short paragraph.

** The cost of tap water per litre was determined by taking the cost of water in Humboldt, SK (\$8.97/SU)