

Munching Monarchs

You need a classmate



This is what really happens!

Activity

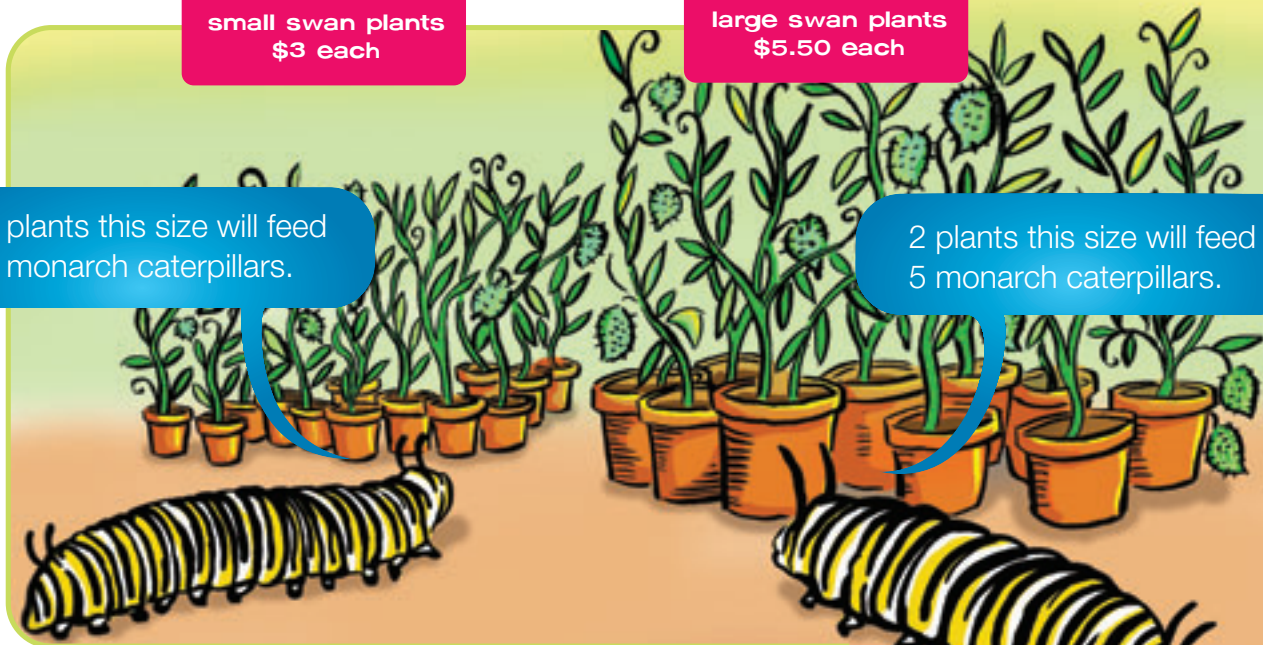
1. Your local garden centre has swan plants on special.

small swan plants
\$3 each

large swan plants
\$5.50 each

3 plants this size will feed
4 monarch caterpillars.

2 plants this size will feed
5 monarch caterpillars.



How many caterpillars could you feed if you chose:

- a. 9 small plants?
 - b. 6 large plants?
2. If you wanted enough plants to feed 20 caterpillars, would it be cheaper to buy all small plants or all large plants? Explain your answer.
 3. Mrs McPherson wants to buy swan plants for her monarch butterfly house. If she spends up to \$66:
 - a. i. how many small plants could she buy?
 - ii. how many caterpillars would she be able to feed?
 - b. i. how many large plants could she buy?
 - ii. how many caterpillars would she be able to feed?
 4. Give 3 possible combinations of small and large swan plants that Mrs McPherson could buy using all or most of her \$66.
 5. Make up some swan-plant problems for a classmate to solve.

