



Polar Bear Class Activity

Maya and Tess are at the zoo watching the Polar Bears. Maya is trying to make a sign for saving the polar bears from extinction. Watch the Polar bear video to listen in on their conversation. Can you help figure out the answers to these questions?

QUESTION #1

What is the difference between the two estimated polar bear populations?

ANSWER #1

QUESTION #2

Using the lower of the two estimated populations, how many polar bears have been lost in the last twenty years?

ANSWER #2

QUESTION #3

How much would it cost to save 1,500 polar bears?

ANSWER #3

SOLUTIONS

QUESTION #1

What is the difference between the two estimated polar bear populations?

ANSWER #1

The high estimate was 24,970 and the low estimate was 22,350, so the difference is
 $24,970 - 22,350 = 2,620$

QUESTION #2

Using the lower of the two estimated populations, how many polar bears have been lost in the last twenty years?

ANSWER #2

Twenty years ago, there were about 30,000 polar bears. The lower estimate was 22,350, so that means we have lost $30,000 - 22,350 = 7,650$ polar bears.

QUESTION #3

How much would it cost to save 1,500 polar bears?

ANSWER #3

Through the World Wildlife Organization, it costs \$30 to save one polar bear, so to save 1,500 polar bears it would cost: $30 \times 1,500 = \$45,000$