Use Visual Information

Grade 5 Reading Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

READ THIS FIRST

Counting Turtle Nests at Playa Luna

Every year, from July to November, green sea turtles crawl out of the waves at Playa Luna, a quiet beach in Costa Rica. Each mother turtle digs a deep hole in the sand with her back flippers. She lays about one hundred eggs, covers them, and returns to the sea before sunrise.

Valeria Mora has volunteered at Playa Luna for five seasons. Each morning she walks the beach at dawn with a notebook. She looks for the wide tracks a turtle leaves, which look like the marks of a small tractor. At the end of each track, she finds a nest. She marks it with a numbered wooden stake so no one steps on it.

The volunteers add up their counts at the end of every season. The picture graph shows the totals for five years. Each turtle on the graph stands for ten nests.

The numbers do not climb in a straight line. Valeria explains that most green turtles nest only every two or three years, so a quiet year is often followed by a busy one. In 2022, a storm also washed away part of the beach early in the season, and fewer turtles came ashore.

Still, the counts tell a hopeful story. In 2020, the town agreed to turn off the bright lights along the beach road at night. Bright lights keep many mother turtles away from a beach. They also confuse hatchlings, which find the sea by crawling toward the brightest part of the sky. Since the lights went dark, more mothers have nested and more hatchlings have reached the water.

Valeria hopes those hatchlings will return someday. A female green turtle comes back to nest on the beach where she hatched. She takes twenty to thirty years to grow up, so the volunteers are planning for the future.

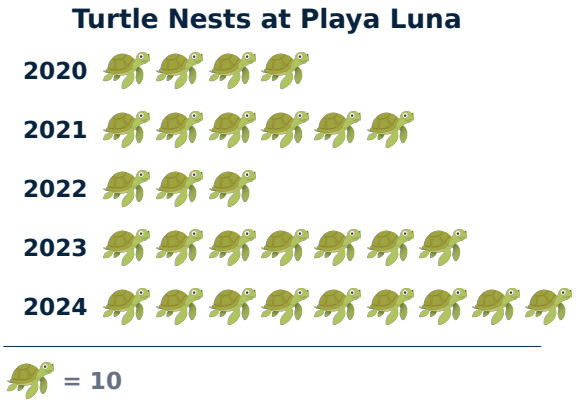
Turtle Nests at Playa Luna



1. Look at the graph. How many nests did the volunteers count in 2021?

   6 50 60

2. Which year on the graph had the fewest nests?



2020 2021 2022

3. Use the text and the graph. How many nests were counted in the year a storm washed away part of the beach?

30 70 40

4. How many more nests were counted in 2024 than in 2020?

5 50 130

5. The beach lights were turned off in 2020. How had the nest count changed by 2024?

It stayed about the same. It more than doubled. It fell to about half.

6. Which sentence from the text does the graph support?

She marks it with a numbered wooden stake.

The numbers do not climb in a straight line.

She lays about one hundred eggs.

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Answer Key - Grade 5 Reading Worksheet - Building Confidence

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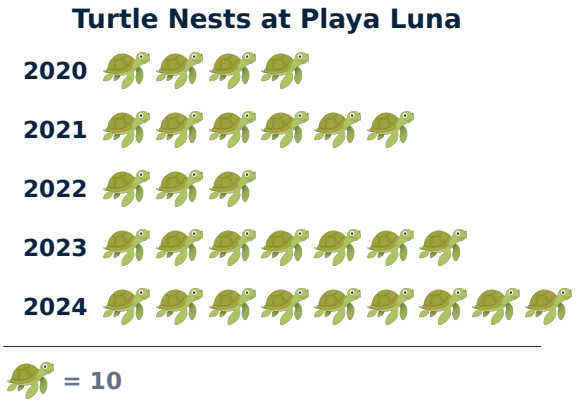
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