

Loggerhead Turtles

Did You Know? Animals use their instincts for survival. Instincts are inherited traits. A newly hatched loggerhead turtle breaks out of its eggshell and crawls toward the ocean. There are no parents to guide the turtle. When the loggerhead reaches the ocean, it swims for 36 hours. Loggerheads face many predators on their long swim to shelter. Sometimes they need to camouflage themselves by hiding in seaweed.



A loggerhead turtle hides every 4 hours along its swim to shelter.

- 1 Write and solve an equation to represent how many times the loggerhead turtle hides during the entire 36-hour journey.

Sample answer: $4 \times ? = 36; ? = 9$ times

- 2 Write and solve an equation to represent how many times the loggerhead turtle hides after it has swum for just 12 hours.

Sample answer: $4 \times ? = 12; ? = 3$ times

- 3 Write and solve an equation to represent how many times the loggerhead turtle hides after it has swum for just 24 hours.

Sample answer: $4 \times ? = 24; ? = 6$ times

- 4 **Extension** Write and solve an equation involving a loggerhead turtle that hides every 4 hours and swims for 40 hours. How many times does the turtle hide?

Sample answer: $4 \times ? = 40; ? = 10$ times