

- 1a) The snake moves six feet forward. After sensing the iguana, the snake moves backward four feet. The snake then lunges two feet towards the snake. How far did the snake move altogether?
- 1b) Of the 24 snakes that go after the iguana, 18 do not touch the lizard.
How many snakes reached the iguana?
- 2) Many snakes lunge towards the iguana from the shadows of the sand.
Eight snakes plunge from the rocks to strike at the iguana.
If 24 snakes pursued the iguana in total, how many came from the shadows of the sand?
- 3) The iguana ran 12 feet across the sand after the first snake's touch.
After escaping the four snakes' grip, the iguana ran towards the rocks.
Then the iguana leapt its way 16 feet to the top of the rocks.
If the iguana traveled 40 feet total, how far did the hatchling sprint towards the rocks?
- 4) At 10 centimeters long, the hatchling marine iguana has a body length 50 centimeters shorter than the average racer snake. How long is the average racer snake?
- 5) The largest adult marine iguanas have a snout-to-vent length of 56 centimeters. How much longer is the average racer snake? (Use the answer from question 4.)

Context: <https://www.youtube.com/watch?v=Rv9hn4IGofM>