

# Safari Angle Adventures: Help the Animals Discover Angles!

Math

Grade 4

Animals Theme

Help these amazing animals solve angle mysteries by working through each adventure story and finding the correct angle measurements!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

SCORE \_\_\_\_\_ / 8

1

Leo the lion is stretching his paws after a long nap. He stretches one paw straight forward and another paw to the side, making a right angle between them. How many degrees is the angle between Leo's two paws?

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2

Gigi the giraffe is reaching up to eat leaves from a tree. She stretches her neck straight up (90 degrees), then bends it back to look at her baby giraffe below. If she turns her neck back 45 degrees from straight up, what angle does her neck make with the ground?

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3

Bella the bear is opening her cave door slowly. When she opens it halfway from closed, the door makes a 45-degree angle. When she opens it all the way, how many more degrees does the door turn?

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4

Sammy the snake is slithering through the jungle and makes a sharp turn. He was heading one direction, then turns 90 degrees to the right, then turns another 90 degrees to the right again. What is the total number of degrees Sammy has turned?

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5

Otto the otter is diving into the river. He dives down at a 60-degree angle from the surface of the water. His friend Olivia dives at a 30-degree angle. What is the difference between their diving angles?

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6

Pogo the penguin is sliding on the ice. He makes a V-shape with his flippers. One flipper makes a 35-degree angle to the left, and the other makes a 35-degree angle to the right. What is the total angle of the V-shape Pogo creates?

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7

Riley the rabbit is hopping around a circular meadow. She hops in one direction, stops, then turns completely around (a full rotation). How many degrees did Riley turn in a complete rotation?

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8

Dash the deer is looking for food. He looks 120 degrees to his left at some berries, then turns to look 60 degrees to his right at some grass. If he started by looking straight ahead, what is the total angle he turned from the berries to the grass?

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# Answer Key

Math

Grade 4

For Parents and Teachers

1

Leo the lion is stretching his paws after a long nap. He stretches one paw straight forward and another paw to the side, making a right angle between them. How many degrees is the angle between Leo's two paws?

ANSWER

90 degrees

2

Gigi the giraffe is reaching up to eat leaves from a tree. She stretches her neck straight up (90 degrees), then bends it back to look at her baby giraffe below. If she turns her neck back 45 degrees from straight up, what angle does her neck make with the ground?

ANSWER

45 degrees

3

Bella the bear is opening her cave door slowly. When she opens it halfway from closed, the door makes a 45-degree angle. When she opens it all the way, how many more degrees does the door turn?

ANSWER

45 degrees

4

Sammy the snake is slithering through the jungle and makes a sharp turn. He was heading one direction, then turns 90 degrees to the right, then turns another 90 degrees to the right again. What is the total number of degrees Sammy has turned?

ANSWER

180 degrees

5

Otto the otter is diving into the river. He dives down at a 60-degree angle from the surface of the water. His friend Olivia dives at a 30-degree angle. What is the difference between their diving angles?

ANSWER

30 degrees

6

Pogo the penguin is sliding on the ice. He makes a V-shape with his flippers. One flipper makes a 35-degree angle to the left, and the other makes a 35-degree angle to the right. What is the total angle of the V-shape Pogo creates?

ANSWER

70 degrees

7

Riley the rabbit is hopping around a circular meadow. She hops in one direction, stops, then turns completely around (a full rotation). How many degrees did Riley turn in a complete rotation?

**ANSWER**

**360 degrees**

8

Dash the deer is looking for food. He looks 120 degrees to his left at some berries, then turns to look 60 degrees to his right at some grass. If he started by looking straight ahead, what is the total angle he turned from the berries to the grass?

**ANSWER**

**180 degrees**