

Jungle Adventure: Explorer's Guide to Amazing Angles

Math

Grade 4

Jungle Theme

Help the jungle animals solve their angle adventures by using your math skills to find the answer to each mystery!

NAME _____

DATE _____

SCORE _____ / 8

1

Leo the lion is building a water slide for his jungle friends. He starts by positioning the slide at a 35-degree angle from the ground. His friend Tiger wants to make it steeper by adding 28 more degrees. What will the final angle of the slide be?

2

Zara the zebra is creating a path through the jungle that makes a sharp turn. The path makes a 90-degree angle at the turn. If she has already marked 55 degrees of the turn, how many more degrees does she need to mark to complete the right angle?

3

Mango the monkey is swinging on vines across the jungle. His first swing creates an angle of 67 degrees with the tree branch. His second swing creates an angle of 58 degrees. If he adds these two angles together, what is the total?

4

The jungle explorer finds an ancient stone archway. The archway makes a perfect straight angle (180 degrees). If one side of the archway is marked as 105 degrees, what is the angle measurement of the other side?

5

Petra the parrot is decorating her nest with colorful twigs arranged in angles. She arranges 4 twigs that each make a 27-degree angle. If she places them all together, what is the total angle created by all 4 twigs?

6

Bruno the bear is exploring a jungle canyon where two rock walls meet. The first rock wall makes an angle of 112 degrees, and the second wall makes an angle of 68 degrees. What is the sum of these two angles?

7

Sasha the snake is slithering along jungle vines that twist and turn. She encounters a corner where the path bends at 146 degrees. The remaining angle to complete a straight line (180 degrees) is how many degrees?

8

The jungle researchers set up a tent with four corner angles. Three of the corners measure 85 degrees, 85 degrees, and 92 degrees. If all four corners of the tent must add up to 360 degrees, what is the measurement of the fourth corner?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Leo the lion is building a water slide for his jungle friends. He starts by positioning the slide at a 35-degree angle from the ground. His friend Tiger wants to make it steeper by adding 28 more degrees. What will the final angle of the slide be?

ANSWER

63 degrees

2

Zara the zebra is creating a path through the jungle that makes a sharp turn. The path makes a 90-degree angle at the turn. If she has already marked 55 degrees of the turn, how many more degrees does she need to mark to complete the right angle?

ANSWER

35 degrees

3

Mango the monkey is swinging on vines across the jungle. His first swing creates an angle of 67 degrees with the tree branch. His second swing creates an angle of 58 degrees. If he adds these two angles together, what is the total?

ANSWER

125 degrees

4

The jungle explorer finds an ancient stone archway. The archway makes a perfect straight angle (180 degrees). If one side of the archway is marked as 105 degrees, what is the angle measurement of the other side?

ANSWER

75 degrees

5

Petra the parrot is decorating her nest with colorful twigs arranged in angles. She arranges 4 twigs that each make a 27-degree angle. If she places them all together, what is the total angle created by all 4 twigs?

ANSWER

108 degrees

6

Bruno the bear is exploring a jungle canyon where two rock walls meet. The first rock wall makes an angle of 112 degrees, and the second wall makes an angle of 68 degrees. What is the sum of these two angles?

ANSWER

180 degrees

7

Sasha the snake is slithering along jungle vines that twist and turn. She encounters a corner where the path bends at 146 degrees. The remaining angle to complete a straight line (180 degrees) is how many degrees?

ANSWER

34 degrees

8

The jungle researchers set up a tent with four corner angles. Three of the corners measure 85 degrees, 85 degrees, and 92 degrees. If all four corners of the tent must add up to 360 degrees, what is the measurement of the fourth corner?

ANSWER

98 degrees

