Rainforest Angle Adventures: Help the Jungle Animals Find Their Way!

Math · Grade 4 · Rainforest Theme

🌿 **Help the rainforest creatures solve their angle mysteries by completing each adventure challenge!**

NAME _____

DATE _____

SCORE _____ / 8

1

Sammy the Spider is building a web between two branches. One branch points straight up (90 degrees) and another branch angles down. If Sammy's web creates a 45-degree angle with the upward branch, what angle does it make with the downward branch?

2

Polly the Parrot is flying through the rainforest canopy. She starts flying north and turns 90 degrees to the right. Then she turns another 45 degrees to the right. How many total degrees has Polly turned?

3

Two toucan friends, Tiko and Taka, are perched on branches that form an angle. The angle between their branches is 60 degrees. If they move to branches that are twice as far apart angularly, what will their new angle be?

4

A colorful snake slithers around a tree trunk and bends at three angles: first 30 degrees, then 40 degrees, and finally 50 degrees. What is the sum of all three angles the snake bends through?

5

Bella the Butterfly is designing a pattern on her wings. She creates angles of 72 degrees on one side and 68 degrees on the other side. What is the total of both angles combined?

6

A family of jaguars marks their territory with scratch marks that form angles. The first angle is 80 degrees and the second angle is 45 degrees. How much more is the first angle than the second?

7

Three monkeys are swinging through the rainforest and their swinging paths create angles. The first monkey's swing angle is 90 degrees, and the second monkey's swing angle is 45 degrees. What is the difference between these two angles?

8

A river in the rainforest bends and creates four angles along its path: 25 degrees, 35 degrees, 40 degrees, and 30 degrees. If you add all these angles together, what is the total?

Answer Key

1

Sammy the Spider is building a web between two branches. One branch points straight up (90 degrees) and another branch angles down. If Sammy's web creates a 45-degree angle with the upward branch, what angle does it make with the downward branch?

ANSWER

45 degrees

2

Polly the Parrot is flying through the rainforest canopy. She starts flying north and turns 90 degrees to the right. Then she turns another 45 degrees to the right. How many total degrees has Polly turned?

ANSWER

135 degrees

3

Two toucan friends, Tiko and Taka, are perched on branches that form an angle. The angle between their branches is 60 degrees. If they move to branches that are twice as far apart angularly, what will their new angle be?

ANSWER

120 degrees

4

A colorful snake slithers around a tree trunk and bends at three angles: first 30 degrees, then 40 degrees, and finally 50 degrees. What is the sum of all three angles the snake bends through?

ANSWER

120 degrees

5

Bella the Butterfly is designing a pattern on her wings. She creates angles of 72 degrees on one side and 68 degrees on the other side. What is the total of both angles combined?

ANSWER

140 degrees

6

A family of jaguars marks their territory with scratch marks that form angles. The first angle is 80 degrees and the second angle is 45 degrees. How much more is the first angle than the second?

ANSWER

35 degrees

7

Three monkeys are swinging through the rainforest and their swinging paths create angles. The first monkey's swing angle is 90 degrees, and the second monkey's swing angle is 45 degrees. What is the difference between these two angles?

ANSWER

45 degrees

8

A river in the rainforest bends and creates four angles along its path: 25 degrees, 35 degrees, 40 degrees, and 30 degrees. If you add all these angles together, what is the total?

ANSWER

130 degrees