

Ancient Adventures: Perimeter Quest Through History

Math

Grade 3

History Theme

Help famous historical figures complete their missions by calculating perimeters around their kingdoms, castles, and lands!

NAME _____

DATE _____

SCORE _____ / 8

1

Queen Cleopatra of Egypt wants to build a protective fence around her rectangular palace garden. The garden is 8 meters long and 5 meters wide. What is the perimeter of the fence she needs to build?

2

King Arthur is planning to walk around the entire square courtyard of Camelot Castle to inspect the stone walls. Each side of the courtyard measures 12 feet. How far will King Arthur walk if he goes all the way around?

3

Christopher Columbus needs to mark the boundary of his camp on a newly discovered island with a rope. The rectangular camp is 9 yards long and 6 yards wide. How much rope does he need to go completely around the camp?

4

Harriet Tubman is organizing a quilting circle and needs to sew a decorative border around a square quilt. Each side of the square quilt is 7 inches. What is the total length of the border she will sew?

5

Leonardo da Vinci designs a rectangular moat around his fortress in Renaissance Italy. The moat measures 15 meters on one side and 10 meters on the other side. What is the total distance around the moat?

6

Pocahontas helps her tribe mark out a square village area for planting corn. Each side of the square is 11 steps long. What is the perimeter of the village in steps?

7

Benjamin Franklin plans to install lightning rods around the rectangular roof of Independence Hall. The roof is 20 feet long and 14 feet wide. How many feet of lightning rod will he need to go around the entire roof?

8

Joan of Arc leads her troops around a rectangular castle wall during a siege. The wall is 25 meters on one side and 18 meters on the other side. If her army marches completely around the wall once, how far do they march?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Queen Cleopatra of Egypt wants to build a protective fence around her rectangular palace garden. The garden is 8 meters long and 5 meters wide. What is the perimeter of the fence she needs to build?

ANSWER

26 meters

2

King Arthur is planning to walk around the entire square courtyard of Camelot Castle to inspect the stone walls. Each side of the courtyard measures 12 feet. How far will King Arthur walk if he goes all the way around?

ANSWER

48 feet

3

Christopher Columbus needs to mark the boundary of his camp on a newly discovered island with a rope. The rectangular camp is 9 yards long and 6 yards wide. How much rope does he need to go completely around the camp?

ANSWER

30 yards

4

Harriet Tubman is organizing a quilting circle and needs to sew a decorative border around a square quilt. Each side of the square quilt is 7 inches. What is the total length of the border she will sew?

ANSWER

28 inches

5

Leonardo da Vinci designs a rectangular moat around his fortress in Renaissance Italy. The moat measures 15 meters on one side and 10 meters on the other side. What is the total distance around the moat?

ANSWER

50 meters

6

Pocahontas helps her tribe mark out a square village area for planting corn. Each side of the square is 11 steps long. What is the perimeter of the village in steps?

ANSWER

44 steps

7

Benjamin Franklin plans to install lightning rods around the rectangular roof of Independence Hall. The roof is 20 feet long and 14 feet wide. How many feet of lightning rod will he need to go around the entire roof?

ANSWER

68 feet

8

Joan of Arc leads her troops around a rectangular castle wall during a siege. The wall is 25 meters on one side and 18 meters on the other side. If her army marches completely around the wall once, how far do they march?

ANSWER

86 meters

