

Holiday Heroes: Area Adventures Around the World

Math

Grade 3

Holidays Theme

□ Help Santa, Easter Bunny, and their Holiday friends solve area problems on their magical quests around the globe!

NAME _____

DATE _____

SCORE _____ / 8

1

Santa needs to cover his workshop floor with holiday decorations. The workshop is shaped like a rectangle that is 8 feet long and 6 feet wide. What is the total area of the floor Santa needs to decorate?

2

The Easter Bunny is creating a square garden to grow special Easter eggs. Each side of the garden measures 5 meters. How much area does the Easter Bunny have to plant his magical eggs?

3

Cupid is designing a heart-shaped Valentine's Day banner for the town square. The rectangular part of the banner is 9 feet long and 4 feet wide. What is the area of this rectangular section?

4

The Tooth Fairy is tiling the floor of her treasure vault with shimmering coins. The vault floor is a rectangle measuring 7 inches by 10 inches. What is the total area of the vault floor she needs to tile?

5

Jack-o'-lantern is carving a pumpkin patch for Halloween. His rectangular patch is 12 feet long and 3 feet wide. How much area does Jack-o'-lantern have to grow Halloween pumpkins?

6

Frosty the Snowman is building an ice skating rink in the town center. The rink is a square with sides measuring 6 yards each. What is the area of Frosty's magical skating rink?

7

Thanksgiving Turkey is preparing a rectangular cornfield for the harvest celebration. The field measures 11 feet long and 5 feet wide. What is the total area of the cornfield Turkey needs to prepare?

8

New Year's Baby is designing a square confetti explosion mat for the midnight celebration. Each side of the square mat is 8 meters long. What is the area of the festive celebration mat?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Santa needs to cover his workshop floor with holiday decorations. The workshop is shaped like a rectangle that is 8 feet long and 6 feet wide. What is the total area of the floor Santa needs to decorate?

ANSWER

48 square feet

2

The Easter Bunny is creating a square garden to grow special Easter eggs. Each side of the garden measures 5 meters. How much area does the Easter Bunny have to plant his magical eggs?

ANSWER

25 square meters

3

Cupid is designing a heart-shaped Valentine's Day banner for the town square. The rectangular part of the banner is 9 feet long and 4 feet wide. What is the area of this rectangular section?

ANSWER

36 square feet

4

The Tooth Fairy is tiling the floor of her treasure vault with shimmering coins. The vault floor is a rectangle measuring 7 inches by 10 inches. What is the total area of the vault floor she needs to tile?

ANSWER

70 square inches

5

Jack-o'-lantern is carving a pumpkin patch for Halloween. His rectangular patch is 12 feet long and 3 feet wide. How much area does Jack-o'-lantern have to grow Halloween pumpkins?

ANSWER

36 square feet

6

Frosty the Snowman is building an ice skating rink in the town center. The rink is a square with sides measuring 6 yards each. What is the area of Frosty's magical skating rink?

ANSWER

36 square yards

7

Thanksgiving Turkey is preparing a rectangular cornfield for the harvest celebration. The field measures 11 feet long and 5 feet wide. What is the total area of the cornfield Turkey needs to prepare?

ANSWER

55 square feet

8

New Year's Baby is designing a square confetti explosion mat for the midnight celebration. Each side of the square mat is 8 meters long. What is the area of the festive celebration mat?

ANSWER

64 square meters