

# Sports Champions Discover the Magic of Area: An Adventure Through Fields and Courts

Math

Grade 3

Sports Theme

Help your favorite sports heroes solve area mysteries as they prepare their training grounds and competition spaces for the big games!

NAME \_\_\_\_\_

DATE \_\_\_\_\_

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

1

Soccer star Maya is painting a rectangular practice field for her team. The field is 8 meters long and 5 meters wide. How many square meters of paint does she need to cover the entire field?

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\_\_\_\_\_

2

Basketball champion Jamal is designing a rectangular shooting court in his backyard. It measures 9 feet long and 6 feet wide. What is the total area of the court where Jamal will practice his jump shots?

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\_\_\_\_\_

3

Tennis player Serena is building a new rectangular practice wall backdrop. The wall is 12 meters long and 4 meters tall. How many square meters of netting does she need to cover the entire wall?

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\_\_\_\_\_

4

Baseball legend Marcus is creating a rectangular sand pit for sliding practice. The pit is 7 yards long and 3 yards wide. Calculate the area of sand Marcus needs to fill the entire pit.

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5

Hockey player Alexis is laying down a rectangular training mat in the rink. The mat is 10 feet long and 8 feet wide. What is the area of the mat where the team will do their warm-up drills?

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6

Track and field star Jordan is designing a rectangular long jump pit. The pit measures 6 meters long and 3 meters wide. How many square meters of sand will Jordan need to fill the practice pit?

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7

Volleyball champion Nia is painting a rectangular sand court for her beach tournament. The court is 9 meters long and 5 meters wide. What is the total area Nia needs to prepare?

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8

Rugby player Connor is building a rectangular padded training zone. The zone is 11 feet long and 7 feet wide. Calculate the area of padding Connor needs to order for this intense training space.

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# Answer Key

Math

Grade 3

For Parents and Teachers

1

Soccer star Maya is painting a rectangular practice field for her team. The field is 8 meters long and 5 meters wide. How many square meters of paint does she need to cover the entire field?

ANSWER

**40 square meters**

2

Basketball champion Jamal is designing a rectangular shooting court in his backyard. It measures 9 feet long and 6 feet wide. What is the total area of the court where Jamal will practice his jump shots?

ANSWER

**54 square feet**

3

Tennis player Serena is building a new rectangular practice wall backdrop. The wall is 12 meters long and 4 meters tall. How many square meters of netting does she need to cover the entire wall?

ANSWER

**48 square meters**

4

Baseball legend Marcus is creating a rectangular sand pit for sliding practice. The pit is 7 yards long and 3 yards wide. Calculate the area of sand Marcus needs to fill the entire pit.

ANSWER

**21 square yards**

5

Hockey player Alexis is laying down a rectangular training mat in the rink. The mat is 10 feet long and 8 feet wide. What is the area of the mat where the team will do their warm-up drills?

ANSWER

**80 square feet**

6

Track and field star Jordan is designing a rectangular long jump pit. The pit measures 6 meters long and 3 meters wide. How many square meters of sand will Jordan need to fill the practice pit?

ANSWER

**18 square meters**

7

Volleyball champion Nia is painting a rectangular sand court for her beach tournament. The court is 9 meters long and 5 meters wide. What is the total area Nia needs to prepare?

ANSWER

**45 square meters**

8

Rugby player Connor is building a rectangular padded training zone. The zone is 11 feet long and 7 feet wide. Calculate the area of padding Connor needs to order for this intense training space.

ANSWER

**77 square feet**