

Decimal Decimals: Sports Edition

Math

Grade 5

Sports Theme

□ Solve each decimal problem related to sports. Show your work and write your answer as a decimal number.

NAME _____

DATE _____

SCORE _____ / 8

1

A basketball player scored 15.7 points in the first quarter and 12.5 points in the second quarter. How many points did she score in total?

2

A swimmer's time for a 100-meter race was 58.34 seconds. If another swimmer finished in 59.12 seconds, what is the difference between their times?

3

A tennis racket costs \$87.50 and tennis balls cost \$12.25. What is the total cost?

4

A soccer team scored goals worth 2.5, 1.8, and 3.2 points in three different games. What is the average points scored per game?

5

A runner completed a 5-kilometer race in 24.75 minutes. If she ran 3.25 kilometers in the first half, how many kilometers did she run in the second half?

6

A baseball player's batting average is 0.315. If he has 200 at-bats, approximately how many hits did he get? (Hint: multiply)

7

A football field is 100 yards long. If a player runs 45.5 yards on one play and 32.75 yards on another play, how many yards did he run in total?

8

A gymnast scored 8.75, 8.5, and 8.25 on three different events. What is the total score from all three events?

Answer Key

Math

Grade 5

For Parents and Teachers

1

A basketball player scored 15.7 points in the first quarter and 12.5 points in the second quarter. How many points did she score in total?

ANSWER

28.2 points

2

A swimmer's time for a 100-meter race was 58.34 seconds. If another swimmer finished in 59.12 seconds, what is the difference between their times?

ANSWER

0.78 seconds

3

A tennis racket costs \$87.50 and tennis balls cost \$12.25. What is the total cost?

ANSWER

\$99.75

4

A soccer team scored goals worth 2.5, 1.8, and 3.2 points in three different games. What is the average points scored per game?

ANSWER

2.5 points

5

A runner completed a 5-kilometer race in 24.75 minutes. If she ran 3.25 kilometers in the first half, how many kilometers did she run in the second half?

ANSWER

1.5 kilometers

6

A baseball player's batting average is 0.315. If he has 200 at-bats, approximately how many hits did he get? (Hint: multiply)

ANSWER

63 hits

7

A football field is 100 yards long. If a player runs 45.5 yards on one play and 32.75 yards on another play, how many yards did he run in total?

ANSWER

78.25 yards

8

A gymnast scored 8.75, 8.5, and 8.25 on three different events. What is the total score from all three events?

ANSWER

25.5 points