

Desert Explorer's Decimal Adventure

Math

Grade 4

Desert Theme

Help our Desert characters complete their amazing adventures by solving decimal problems like true desert explorers!

NAME _____

DATE _____

SCORE _____ / 8

1

Camel Carla is traveling across the Golden Desert. On Monday, she walked 12.5 kilometers. On Tuesday, she walked 8.3 kilometers. How many kilometers did Camel Carla walk in total over those two days?

2

Scout Sam found treasure buried in the sand! The treasure chest weighs 25.6 pounds, and the sand covering it weighs 7.4 pounds. What is the total weight Sam needs to carry out of the desert?

3

Lizzy the Lizard collected water droplets during the cool desert morning. She collected 15.7 milliliters on the first rock and 9.2 milliliters on the second rock. How much water did Lizzy collect altogether?

4

Dusty the Desert Hawk flew from one oasis to another. The first flight was 18.4 miles long, and the second flight was 12.6 miles long. What was the total distance Dusty flew?

5

Cactus the Coyote had a water bottle with 20.0 liters of water. During his desert journey, he drank 7.5 liters. How much water does Cactus have left?

6

Ruby the Desert Snake measured two sand dunes. The first dune was 45.8 meters tall, and the second dune was 38.3 meters tall. How much taller is the first dune than the second dune?

7

Sunny the Scorpion found three pieces of shiny desert glass. One piece weighed 3.2 grams, another weighed 4.7 grams, and the last piece weighed 2.1 grams. What is the total weight of all three pieces of glass?

8

Oasis Oliver planted 16.5 date palm trees on the east side of the oasis and 13.8 date palm trees on the west side. How many date palm trees did Oliver plant in total?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Camel Carla is traveling across the Golden Desert. On Monday, she walked 12.5 kilometers. On Tuesday, she walked 8.3 kilometers. How many kilometers did Camel Carla walk in total over those two days?

ANSWER

20.8 kilometers

2

Scout Sam found treasure buried in the sand! The treasure chest weighs 25.6 pounds, and the sand covering it weighs 7.4 pounds. What is the total weight Sam needs to carry out of the desert?

ANSWER

33.0 pounds

3

Lizzy the Lizard collected water droplets during the cool desert morning. She collected 15.7 milliliters on the first rock and 9.2 milliliters on the second rock. How much water did Lizzy collect altogether?

ANSWER

24.9 milliliters

4

Dusty the Desert Hawk flew from one oasis to another. The first flight was 18.4 miles long, and the second flight was 12.6 miles long. What was the total distance Dusty flew?

ANSWER

31.0 miles

5

Cactus the Coyote had a water bottle with 20.0 liters of water. During his desert journey, he drank 7.5 liters. How much water does Cactus have left?

ANSWER

12.5 liters

6

Ruby the Desert Snake measured two sand dunes. The first dune was 45.8 meters tall, and the second dune was 38.3 meters tall. How much taller is the first dune than the second dune?

ANSWER

7.5 meters

7

Sunny the Scorpion found three pieces of shiny desert glass. One piece weighed 3.2 grams, another weighed 4.7 grams, and the last piece weighed 2.1 grams. What is the total weight of all three pieces of glass?

ANSWER

10.0 grams

8

Oasis Oliver planted 16.5 date palm trees on the east side of the oasis and 13.8 date palm trees on the west side. How many date palm trees did Oliver plant in total?

ANSWER

30.3 date palm trees