

Desert Fraction Adventures: Help the Oasis Friends!

Math

Grade 3

Desert Theme

Help our desert friends solve their fraction challenges by answering each adventure question!

NAME _____

DATE _____

SCORE _____ / 8

1

Camilla the camel found a desert oasis with 8 date palms. She ate dates from 3 of the palms. What fraction of the palms did she eat dates from?

2

Sunny the scorpion collected 12 shiny rocks from the sand dunes. He gave $\frac{1}{4}$ of them to his friend Dusty. How many rocks did Dusty receive?

3

A desert storm lasted all day. The hot part lasted $\frac{1}{2}$ of the day, and the windy part lasted $\frac{1}{4}$ of the day. What fraction of the day did these two parts last together?

4

Petra the prairie dog dug 6 tunnels in the desert sand. She made 2 tunnels leading to food storage. What fraction of her tunnels lead to food storage?

5

A desert cactus was divided into 10 equal segments. During a sandstorm, 7 segments were covered with sand. What fraction of the cactus was NOT covered with sand?

6

Rascal the rattlesnake has 15 favorite resting spots in the desert. $\frac{1}{3}$ of them are under rocks. How many resting spots are under rocks?

7

The desert trading post had 20 water bottles. Desert travelers bought $\frac{1}{5}$ of the bottles. How many bottles did the travelers buy?

8

Oasis the owl explored the desert for 8 hours. She spent $\frac{3}{8}$ of that time looking for food. How many hours did she spend looking for food?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Camilla the camel found a desert oasis with 8 date palms. She ate dates from 3 of the palms. What fraction of the palms did she eat dates from?

ANSWER

$\frac{3}{8}$

2

Sunny the scorpion collected 12 shiny rocks from the sand dunes. He gave $\frac{1}{4}$ of them to his friend Dusty. How many rocks did Dusty receive?

ANSWER

3 rocks

3

A desert storm lasted all day. The hot part lasted $\frac{1}{2}$ of the day, and the windy part lasted $\frac{1}{4}$ of the day. What fraction of the day did these two parts last together?

ANSWER

$\frac{3}{4}$

4

Petra the prairie dog dug 6 tunnels in the desert sand. She made 2 tunnels leading to food storage. What fraction of her tunnels lead to food storage?

ANSWER

$\frac{2}{6}$ or $\frac{1}{3}$

5

A desert cactus was divided into 10 equal segments. During a sandstorm, 7 segments were covered with sand. What fraction of the cactus was NOT covered with sand?

ANSWER

$\frac{3}{10}$

6

Rascal the rattlesnake has 15 favorite resting spots in the desert. $\frac{1}{3}$ of them are under rocks. How many resting spots are under rocks?

ANSWER

5 resting spots

7

The desert trading post had 20 water bottles. Desert travelers bought $\frac{1}{5}$ of the bottles. How many bottles did the travelers buy?

ANSWER

4 bottles

8

Oasis the owl explored the desert for 8 hours. She spent $\frac{3}{8}$ of that time looking for food. How many hours did she spend looking for food?

ANSWER

3 hours