

Desert Fraction Adventures: Help the Nomads Navigate the Sands

Math

Grade 4

Desert Theme

Join brave Desert explorers on amazing fraction quests and help them solve problems using your math skills!

NAME _____

DATE _____

SCORE _____ / 8

1

Samir the camel herder has 8 water jugs to distribute among his desert camp. He gives $\frac{3}{8}$ of the jugs to the travelers from the north and keeps the rest. How many jugs does Samir keep for his own camp?

2

Fatima is baking flatbread in her desert tent. She uses $\frac{1}{4}$ cup of flour for one loaf. If she wants to bake 3 loaves for the evening feast, how much flour does she need in total?

3

Rashid is a sand dune explorer who discovered a treasure map. The map shows the treasure is $\frac{1}{2}$ of the way across the Great Desert, and the journey is split into 4 equal stages. What fraction of the total desert journey is each stage?

4

At the desert oasis, there are 12 palm trees. During the dry season, $\frac{2}{6}$ of the trees lost their leaves. How many trees still have their leaves?

5

Zainab is a camel trader who has 20 desert roses to sell at the market. She sells $\frac{1}{5}$ of them in the morning and $\frac{2}{5}$ of them in the afternoon. How many roses does she have left?

6

Two desert nomads, Hassan and Layla, found a pile of dates. Hassan ate $\frac{1}{3}$ of the pile, and Layla ate $\frac{1}{3}$ of the pile. What fraction of the dates did they eat together?

7

A sandstorm traveled across the desert in stages. It covered $\frac{1}{6}$ of the distance on the first day and $\frac{2}{6}$ of the distance on the second day. How much more distance did it cover on the second day than the first day?

8

Karim is a desert guide with 24 hours to lead a group across the sand dunes. He spends $\frac{1}{4}$ of his time setting up camp, $\frac{1}{3}$ of his time traveling, and the rest resting. How many hours does he spend resting?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Samir the camel herder has 8 water jugs to distribute among his desert camp. He gives $\frac{3}{8}$ of the jugs to the travelers from the north and keeps the rest. How many jugs does Samir keep for his own camp?

ANSWER

5 jugs

2

Fatima is baking flatbread in her desert tent. She uses $\frac{1}{4}$ cup of flour for one loaf. If she wants to bake 3 loaves for the evening feast, how much flour does she need in total?

ANSWER

$\frac{3}{4}$ cup

3

Rashid is a sand dune explorer who discovered a treasure map. The map shows the treasure is $\frac{1}{2}$ of the way across the Great Desert, and the journey is split into 4 equal stages. What fraction of the total desert journey is each stage?

ANSWER

$\frac{1}{8}$

4

At the desert oasis, there are 12 palm trees. During the dry season, $\frac{2}{6}$ of the trees lost their leaves. How many trees still have their leaves?

ANSWER

8 trees

5

Zainab is a camel trader who has 20 desert roses to sell at the market. She sells $\frac{1}{5}$ of them in the morning and $\frac{2}{5}$ of them in the afternoon. How many roses does she have left?

ANSWER

8 roses

6

Two desert nomads, Hassan and Layla, found a pile of dates. Hassan ate $\frac{1}{3}$ of the pile, and Layla ate $\frac{1}{3}$ of the pile. What fraction of the dates did they eat together?

ANSWER

$\frac{2}{3}$

7

A sandstorm traveled across the desert in stages. It covered $\frac{1}{6}$ of the distance on the first day and $\frac{2}{6}$ of the distance on the second day. How much more distance did it cover on the second day than the first day?

ANSWER

$\frac{1}{6}$

8

Karim is a desert guide with 24 hours to lead a group across the sand dunes. He spends $\frac{1}{4}$ of his time setting up camp, $\frac{1}{3}$ of his time traveling, and the rest resting. How many hours does he spend resting?

ANSWER

10 hours

