

Cosmic Fraction Adventures: Help Space Explorers Save the Galaxy!

Math

Grade 3

Space Theme

Help these brave space explorers complete their missions by solving fraction problems along their intergalactic journey!

NAME _____

DATE _____

SCORE _____ / 8

1

Captain Zyx is traveling to Planet Nebula and has already completed $\frac{1}{4}$ of the journey. If the total journey is divided into 4 equal parts, how many parts of the journey does Captain Zyx still need to complete?

2

Astronaut Luna found a treasure chest with 8 glowing space crystals. She gave $\frac{1}{2}$ of them to her robot friend Beep. How many crystals did Beep receive?

3

On the Starship Discovery, the crew has 12 energy bars to share equally among 3 aliens from Planet Zorg. Each alien should get $\frac{1}{3}$ of the total. How many energy bars does each alien receive?

4

Explorer Nova is building a rocket and needs to paint $\frac{1}{3}$ of it red and $\frac{1}{3}$ of it blue. What fraction of the rocket will be painted in red and blue combined?

5

Space pirate Captain Comet has a chocolate bar. He eats $\frac{1}{4}$ of it for breakfast, then eats another $\frac{1}{4}$ for lunch. What fraction of the chocolate bar has he eaten so far?

6

The alien chef on Space Station Alpha is making a special soup. She uses $\frac{1}{2}$ cup of moon dust and $\frac{1}{4}$ cup of star water. How much total ingredients does she use?

7

Young cadet Max is reading an ancient space map that is divided into 6 equal sections. He has explored 3 of the sections. What fraction of the map has Max explored?

8

During the Galactic Games, Team Rocket scored points in 4 different events. They won $\frac{1}{4}$ of the events. How many events did Team Rocket win?

Answer Key

Math

Grade 3

For Parents and Teachers

1

Captain Zyx is traveling to Planet Nebula and has already completed $\frac{1}{4}$ of the journey. If the total journey is divided into 4 equal parts, how many parts of the journey does Captain Zyx still need to complete?

ANSWER

$\frac{3}{4}$

2

Astronaut Luna found a treasure chest with 8 glowing space crystals. She gave $\frac{1}{2}$ of them to her robot friend Beep. How many crystals did Beep receive?

ANSWER

4 crystals

3

On the Starship Discovery, the crew has 12 energy bars to share equally among 3 aliens from Planet Zorg. Each alien should get $\frac{1}{3}$ of the total. How many energy bars does each alien receive?

ANSWER

4 energy bars

4

Explorer Nova is building a rocket and needs to paint $\frac{1}{3}$ of it red and $\frac{1}{3}$ of it blue. What fraction of the rocket will be painted in red and blue combined?

ANSWER

$\frac{2}{3}$

5

Space pirate Captain Comet has a chocolate bar. He eats $\frac{1}{4}$ of it for breakfast, then eats another $\frac{1}{4}$ for lunch. What fraction of the chocolate bar has he eaten so far?

ANSWER

$\frac{2}{4}$ or $\frac{1}{2}$

6

The alien chef on Space Station Alpha is making a special soup. She uses $\frac{1}{2}$ cup of moon dust and $\frac{1}{4}$ cup of star water. How much total ingredients does she use?

ANSWER

$\frac{3}{4}$ cup

7

Young cadet Max is reading an ancient space map that is divided into 6 equal sections. He has explored 3 of the sections. What fraction of the map has Max explored?

ANSWER

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

8

During the Galactic Games, Team Rocket scored points in 4 different events. They won $\frac{1}{4}$ of the events. How many events did Team Rocket win?

ANSWER

1 event