

Cosmic Adventures: Space Explorer Math Missions

Math

Grade 4

Space Theme

□ Help our brave space explorers solve these out-of-this-world math adventures using addition, subtraction, multiplication, and division!

NAME _____

DATE _____

SCORE _____ / 8

1

Captain Zara is exploring the asteroid belt and discovers three floating space rocks. The first rock contains 145 glowing crystals, the second rock has 238 crystals, and the third rock has 167 crystals. How many crystals did Captain Zara find in total?

2

Rover Rex needs to collect fuel cells from 7 different planets to power the spaceship. If each planet gives him 34 fuel cells, how many fuel cells will Rover Rex collect from all the planets?

3

The alien commander had 486 moon rocks to distribute equally among 6 alien crew members for their research mission. How many moon rocks will each alien crew member receive?

4

Astro Annie is on a mission to count stars. On Monday she counted 256 stars, on Wednesday she counted 189 stars, and on Friday she counted 203 stars. What is the total number of stars Astro Annie counted during the week?

5

Space Station 9 has 8 levels. Each level has 45 rooms for astronauts. How many total rooms are there on Space Station 9?

6

Pilot Pete traveled 672 kilometers through space yesterday and 543 kilometers today. How many more kilometers did he travel yesterday than today?

7

The meteor shower brought 924 tiny meteors toward planet Zephyr. If scientists want to divide them equally into 4 observation pods, how many meteors will go in each pod?

8

Galaxy Girl found a treasure chest with 128 golden star coins. She wants to give some coins to her 5 friends equally while keeping 28 coins for herself. How many coins should each friend get?

Answer Key

Math

Grade 4

For Parents and Teachers

1

Captain Zara is exploring the asteroid belt and discovers three floating space rocks. The first rock contains 145 glowing crystals, the second rock has 238 crystals, and the third rock has 167 crystals. How many crystals did Captain Zara find in total?

ANSWER

550 crystals

2

Rover Rex needs to collect fuel cells from 7 different planets to power the spaceship. If each planet gives him 34 fuel cells, how many fuel cells will Rover Rex collect from all the planets?

ANSWER

238 fuel cells

3

The alien commander had 486 moon rocks to distribute equally among 6 alien crew members for their research mission. How many moon rocks will each alien crew member receive?

ANSWER

81 moon rocks

4

Astro Annie is on a mission to count stars. On Monday she counted 256 stars, on Wednesday she counted 189 stars, and on Friday she counted 203 stars. What is the total number of stars Astro Annie counted during the week?

ANSWER

648 stars

5

Space Station 9 has 8 levels. Each level has 45 rooms for astronauts. How many total rooms are there on Space Station 9?

ANSWER

360 rooms

6

Pilot Pete traveled 672 kilometers through space yesterday and 543 kilometers today. How many more kilometers did he travel yesterday than today?

ANSWER

129 kilometers

7

The meteor shower brought 924 tiny meteors toward planet Zephyr. If scientists want to divide them equally into 4 observation pods, how many meteors will go in each pod?

ANSWER

231 meteors

8

Galaxy Girl found a treasure chest with 128 golden star coins. She wants to give some coins to her 5 friends equally while keeping 28 coins for herself. How many coins should each friend get?

ANSWER

20 coins