

Cosmic Division Quest: Help Space Explorers Share Their Galactic Treasures

Math

Grade 4

Space Theme

Help brave astronauts and alien friends solve their space adventures by using long division to divide resources, treasures, and supplies across their missions!

NAME _____

DATE _____

SCORE _____ / 8

1

Captain Zara collected 456 glowing crystals from Planet Nebula and needs to divide them equally among 4 rocket ships for her exploration fleet. How many crystals does each ship get?

2

The Mars Mining Colony discovered 672 pieces of space gold. If 6 mining robots work together and each robot gets an equal share to transport back to base, how much space gold does each robot carry?

3

Astronaut Pedro found 825 alien artifacts floating near the asteroid belt. He wants to organize them into 5 equal museum displays back on Earth. How many artifacts will each display have?

4

The Intergalactic Bakery on Space Station Delta baked 544 moon cookies for 8 different alien species visiting the station. If each species gets the same number of cookies, how many moon cookies does each species receive?

5

Commander Ollie's spaceship collected 936 meteorite samples during a 9-day mission through the Andromeda Galaxy. If he collected the same amount each day, how many meteorite samples did he collect per day?

6

Queen Celestia's alien empire harvested 728 star fruits from the gardens of Saturn's moons. She wants to send equal shipments to 7 different space colonies. How many star fruits go to each colony?

7

Young astronomer Nova discovered a meteor shower that produced 612 shooting stars over 3 nights. If the same number of stars appeared each night, how many shooting stars lit up the sky per night?

8

The Space Federation's supply ship carries 484 freeze-dried meals for 4 different space missions across the galaxy. How many meals are allocated to each mission so everyone gets an equal portion?

Answer Key

Math

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For Parents and Teachers

1

Captain Zara collected 456 glowing crystals from Planet Nebula and needs to divide them equally among 4 rocket ships for her exploration fleet. How many crystals does each ship get?

ANSWER

114

2

The Mars Mining Colony discovered 672 pieces of space gold. If 6 mining robots work together and each robot gets an equal share to transport back to base, how much space gold does each robot carry?

ANSWER

112

3

Astronaut Pedro found 825 alien artifacts floating near the asteroid belt. He wants to organize them into 5 equal museum displays back on Earth. How many artifacts will each display have?

ANSWER

165

4

The Intergalactic Bakery on Space Station Delta baked 544 moon cookies for 8 different alien species visiting the station. If each species gets the same number of cookies, how many moon cookies does each species receive?

ANSWER

68

5

Commander Ollie's spaceship collected 936 meteorite samples during a 9-day mission through the Andromeda Galaxy. If he collected the same amount each day, how many meteorite samples did he collect per day?

ANSWER

104

6

Queen Celestia's alien empire harvested 728 star fruits from the gardens of Saturn's moons. She wants to send equal shipments to 7 different space colonies. How many star fruits go to each colony?

ANSWER

104

7

Young astronomer Nova discovered a meteor shower that produced 612 shooting stars over 3 nights. If the same number of stars appeared each night, how many shooting stars lit up the sky per night?

ANSWER

204

8

The Space Federation's supply ship carries 484 freeze-dried meals for 4 different space missions across the galaxy. How many meals are allocated to each mission so everyone gets an equal portion?

ANSWER

121

