

# Cosmic Place Value Adventures: Help the Space Explorers!

Math

Grade 2

Space Theme

Help the brave space explorers solve their place value missions across the galaxy!

NAME

DATE

SCORE

\_\_\_\_ / 8

1

Captain Zorp is collecting moon rocks on the Moon Base. He has 3 tens of rocks and 4 ones. How many moon rocks does Captain Zorp have in total?


2

Astronaut Luna is counting stars from her spaceship window. She sees 5 tens of stars in one cluster and 7 ones in another. How many stars did Astronaut Luna count altogether?


3

Robot Rex is organizing meteor samples in the space lab. He puts them in groups of 10. He has 2 groups of 10 and 8 extra meteors left over. How many total meteors does Robot Rex have?


4

The alien twins, Bleep and Bloop, are racing across Mars. Bleep collects 4 tens of alien crystals, and Bloop collects 9 ones. How many crystals do they have together?


5

Commander Stellar is stocking the space station with oxygen tanks. She stores 6 tens of large tanks and 3 ones of small tanks. How many oxygen tanks does the space station have?


6

Young explorer Comet is mapping planets in the outer galaxy. She discovers 7 tens of planets with water and 5 ones with ice. How many planets did Comet discover in total?


7

The Space Trader is selling shiny space gems. He has 8 tens of blue gems and 6 ones of purple gems. How many space gems is the trader selling?

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8

Pilot Nova is flying past asteroids on an asteroid field expedition. She counts 9 tens of small asteroids and 2 ones of giant asteroids. How many asteroids does Pilot Nova pass?

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# Answer Key

Math

Grade 2

For Parents and Teachers

1

Captain Zorp is collecting moon rocks on the Moon Base. He has 3 tens of rocks and 4 ones. How many moon rocks does Captain Zorp have in total?

ANSWER

34

2

Astronaut Luna is counting stars from her spaceship window. She sees 5 tens of stars in one cluster and 7 ones in another. How many stars did Astronaut Luna count altogether?

ANSWER

57

3

Robot Rex is organizing meteor samples in the space lab. He puts them in groups of 10. He has 2 groups of 10 and 8 extra meteors left over. How many total meteors does Robot Rex have?

ANSWER

28

4

The alien twins, Bleep and Bloop, are racing across Mars. Bleep collects 4 tens of alien crystals, and Bloop collects 9 ones. How many crystals do they have together?

ANSWER

49

5

Commander Stellar is stocking the space station with oxygen tanks. She stores 6 tens of large tanks and 3 ones of small tanks. How many oxygen tanks does the space station have?

ANSWER

63

6

Young explorer Comet is mapping planets in the outer galaxy. She discovers 7 tens of planets with water and 5 ones with ice. How many planets did Comet discover in total?

ANSWER

75

7

The Space Trader is selling shiny space gems. He has 8 tens of blue gems and 6 ones of purple gems. How many space gems is the trader selling?

ANSWER

86

8

Pilot Nova is flying past asteroids on an asteroid field expedition. She counts 9 tens of small asteroids and 2 ones of giant asteroids. How many asteroids does Pilot Nova pass?

ANSWER

92