



Space and Soccer Math Mission

Multi-Step Word Problems for Cosmic Kickers

Name: _____ Date: _____

1 SPACE EXPLORATION

Astronaut Logan has 8 packs of space food. Each pack contains 6 astronaut ice cream sandwiches. He gives 14 of the sandwiches to his crewmates. How many ice cream sandwiches does Logan have left?

Work: _____

Answer: _____

2 SOCCER TOURNAMENT

The Stars soccer team bought 4 packs of juice boxes with 10 juice boxes in each pack. They also bought 15 individual juice bottles. If the team drank 23 of these drinks after the game, how many drinks are left?

Work: _____

Answer: _____

3 ASTRONOMY

Maya looks through her telescope and counts 28 stars on Friday night and 32 stars on Saturday night. She groups her total stars into equal constellations of 5 stars each. How many constellations does she make?

Work: _____

Answer: _____

4 SOCCER PRACTICE

Coach Leo has 6 boxes of soccer balls, and each box contains 8 balls. He wants to divide all of these soccer balls equally among 4 local youth teams. How many soccer balls does each team get?

Work:

Answer: _____

5 ROCKET LAUNCH

A rocket has 100 gallons of fuel. The scientists use 19 gallons of fuel for testing the engines. They divide the remaining fuel equally among 9 booster rockets. How many gallons of fuel does each booster get?

Work:

Answer: _____

6 SOCCER GEAR

A sports store has 5 bins of soccer socks. Each bin contains 12 pairs of socks. If the store sells 15 pairs in the morning and 20 pairs in the afternoon, how many pairs of socks are left in the bins?

Work:

Answer: _____

Answer Key

Space and Soccer Math Mission · Grade 4

1. Astronaut Logan has 8 packs of space food. Each pack contains 6 astronaut ice cream sandwiches. He gives 14 of the sandwiches to his crewmates. How many ice cream sandwiches does Logan have left? **34**
2. The Stars soccer team bought 4 packs of juice boxes with 10 juice boxes in each pack. They also bought 15 individual juice bottles. If the team drank 23 of these drinks after the game, how many drinks are left? **32**
3. Maya looks through her telescope and counts 28 stars on Friday night and 32 stars on Saturday night. She groups her total stars into equal constellations of 5 stars each. How many constellations does she make? **12**
4. Coach Leo has 6 boxes of soccer balls, and each box contains 8 balls. He wants to divide all of these soccer balls equally among 4 local youth teams. How many soccer balls does each team get? **12**
5. A rocket has 100 gallons of fuel. The scientists use 19 gallons of fuel for testing the engines. They divide the remaining fuel equally among 9 booster rockets. How many gallons of fuel does each booster get? **9**
6. A sports store has 5 bins of soccer socks. Each bin contains 12 pairs of socks. If the store sells 15 pairs in the morning and 20 pairs in the afternoon, how many pairs of socks are left in the bins? **25**