



The Great Explorer's Math Adventure

Solve these multi-step challenges to complete your grand quest!

Name: _____ Date: _____

1 ISLAND TREASURE HUNT

Leo finds 5 locked treasure chests on a sandy beach. Each chest contains exactly 12 gold coins. If he shares all the coins equally among his 4 explorer friends, how many coins does each friend receive?

Work: _____

Answer: _____

2 JUNGLE SAFARI

Maya is tracking monkeys in the jungle. She spots 3 groups with 8 monkeys in each group. Suddenly, 6 monkeys swing away, and the remaining monkeys split equally into 2 groups to gather bananas. How many monkeys are in each banana-gathering group?

Work: _____

Answer: _____

3 SPACE MISSION

Captain Comet starts his space trip with 100 fuel cells. His rocket uses 28 cells to launch, and then uses 4 cells for each of the 8 planets he visits. How many fuel cells does he have left at the end of his trip?

Work: _____

Answer: _____

4 DEEP SEA DIVING

Deep-sea divers pull up 4 bags of oysters, with 15 oysters in each bag. They open 12 oysters but find no pearls inside. If they divide the remaining unopened oysters equally among 3 divers, how many oysters does each diver get?

Work:

Answer: _____

5 MOUNTAIN CLIMBING

A mountain climbing team packs 6 boxes of energy bars, with 10 bars in each box. They also buy 15 extra single bars. If they eat 27 bars during their climb to the peak, how many energy bars do they have left?

Work:

Answer: _____

6 ANCIENT TEMPLE RUN

Explorer Emily finds 2 hidden hallways in an ancient temple. Each hallway has 9 stone statues, and each statue holds 5 green emeralds. If a mischievous monkey steals 14 of the emeralds, how many emeralds are left on the statues?

Work:

Answer: _____

Answer Key

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1. Leo finds 5 locked treasure chests on a sandy beach. Each chest contains exactly 12 gold coins. If he shares all the coins equally among his 4 explorer friends, how many coins does each friend receive? **15**
2. Maya is tracking monkeys in the jungle. She spots 3 groups with 8 monkeys in each group. Suddenly, 6 monkeys swing away, and the remaining monkeys split equally into 2 groups to gather bananas. How many monkeys are in each banana-gathering group? **9**
3. Captain Comet starts his space trip with 100 fuel cells. His rocket uses 28 cells to launch, and then uses 4 cells for each of the 8 planets he visits. How many fuel cells does he have left at the end of his trip? **40**
4. Deep-sea divers pull up 4 bags of oysters, with 15 oysters in each bag. They open 12 oysters but find no pearls inside. If they divide the remaining unopened oysters equally among 3 divers, how many oysters does each diver get? **16**
5. A mountain climbing team packs 6 boxes of energy bars, with 10 bars in each box. They also buy 15 extra single bars. If they eat 27 bars during their climb to the peak, how many energy bars do they have left? **48**
6. Explorer Emily finds 2 hidden hallways in an ancient temple. Each hallway has 9 stone statues, and each statue holds 5 green emeralds. If a mischievous monkey steals 14 of the emeralds, how many emeralds are left on the statues? **76**