The Ultimate Adventure Expedition

Solve multi-step math problems to complete your quest!

Name: _____ **Date:** _____

1 PIRATE ISLAND

Captain Avery found 4 treasure chests, each containing 85 gold coins. He set aside 40 coins for himself and split the remaining coins equally among his 6 crew members. How many coins did each crew member receive?

Work:

Answer: _____

2 JUNGLE TREK

Maya is packing rations for an 8-day jungle expedition with her team of 3 explorers. Each explorer needs 5 energy bars per day. If she already has 24 energy bars in her backpack, how many more energy bars does she need to pack?

Work:

Answer: _____

3 SPACE QUEST

Leo's rocket ship travels 120 miles per minute. During a 15-minute flight, a solar wind slows him down, reducing his total distance by 350 miles. If he splits the remaining distance into 5 equal flight legs, how many miles is each leg?

Work:

Answer: _____

4 ANCIENT RUINS

Sam collected 15 rare crystals in the first tomb and 3 times as many in the second tomb. He traded 20 crystals to unlock a magic door and divided the remaining crystals equally into 4 display boxes. How many crystals went into each box?

Work:

Answer: _____

5 DEEP SEA RESCUE

A research submarine descends 45 feet per minute for 12 minutes to explore a ocean trench. It then rises 180 feet to avoid a coral reef before diving another 90 feet lower. What is the submarine's final depth in feet?

Work:

Answer: _____

6 MOUNTAIN CLIMB

Nina and her 3 climbing partners buy supplies for a mountain ascent. They buy 4 safety ropes at $35 each and 8 carabiners at $12 each, then split the total cost equally among all 4 climbers. How many dollars does each person pay?

Work:

Answer: _____

TEACHER / PARENT

Answer Key

The Ultimate Adventure Expedition · Grade 5

1.	Captain Avery found 4 treasure chests, each containing 85 gold coins. He set aside 40 coins for himself and split the remaining coins equally among his 6 crew members. How many coins did each crew member receive?	**50**
2.	Maya is packing rations for an 8-day jungle expedition with her team of 3 explorers. Each explorer needs 5 energy bars per day. If she already has 24 energy bars in her backpack, how many more energy bars does she need to pack?	**96**
3.	Leo's rocket ship travels 120 miles per minute. During a 15-minute flight, a solar wind slows him down, reducing his total distance by 350 miles. If he splits the remaining distance into 5 equal flight legs, how many miles is each leg?	**290**
4.	Sam collected 15 rare crystals in the first tomb and 3 times as many in the second tomb. He traded 20 crystals to unlock a magic door and divided the remaining crystals equally into 4 display boxes. How many crystals went into each box?	**10**
5.	A research submarine descends 45 feet per minute for 12 minutes to explore a ocean trench. It then rises 180 feet to avoid a coral reef before diving another 90 feet lower. What is the submarine's final depth in feet?	**450**
6.	Nina and her 3 climbing partners buy supplies for a mountain ascent. They buy 4 safety ropes at $35 each and 8 carabiners at $12 each, then split the total cost equally among all 4 climbers. How many dollars does each person pay?	**59**