



The Great Adventure Expedition: Multi-Step Math

Solve multi-step word problems as you navigate wild frontiers!

Name: _____ Date: _____

1 JUNGLE EXPLORATION

Maya's expedition team found an ancient chest containing 240 gold coins. The jungle guide took $\frac{1}{4}$ of the coins for his fee, and Maya stored 90 coins in her pack. How many coins are left for the remaining 3 team members to split equally?

Work:

Answer: _____

2 SPACE ACADEMY

Cadet Leo needs 500 total training credits to qualify for the Mars Mission. He earned $\frac{2}{5}$ of the required credits during flight simulations and another 180 credits during zero-gravity survival training. How many more credits does Leo still need to earn?

Work:

Answer: _____

3 DEEP SEA DIVE

Captain Nora's submarine target depth is 900 meters into an oceanic trench. The submarine dives $\frac{4}{9}$ of the total depth during the morning and descends at a rate of 70 meters per hour for 4 hours in the afternoon. How many more meters must the submarine dive to reach the trench floor?

Work:

Answer: _____

4 ALPINE EXPEDITION

An alpine expedition team is trekking a 360-kilometer mountain trail over three weeks. They completed $\frac{1}{3}$ of the total distance in the first week and hiked 120 kilometers during the second week. If they cover the remaining distance evenly across 5 days in the third week, how many kilometers must they hike each day?

Work:

Answer: _____

5 ISLAND ESCAPE

Sam needs to collect 180 sturdy bamboo logs to construct an ocean raft. He gathered $\frac{2}{9}$ of the total logs on Monday and secured 50 more logs on Tuesday. If he gathers the remaining logs evenly over the next 2 days, how many logs must he collect per day?

Work:

Answer: _____

6**SAFARI RESCUE**

Wildlife rangers are tracking a migratory elephant herd across a 450-mile reserve. The herd covered $\frac{3}{5}$ of the total distance during the first week and 110 miles during the second week. How many miles remain for the herd to reach the sanctuary border?

Work:

Answer: _____

Answer Key

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1. Maya's expedition team found an ancient chest containing 240 gold coins. The jungle guide took $\frac{1}{4}$ of the coins for his fee, and Maya stored 90 coins in her pack. How many coins are left for the remaining 3 team members to split equally? **30**
2. Cadet Leo needs 500 total training credits to qualify for the Mars Mission. He earned $\frac{2}{5}$ of the required credits during flight simulations and another 180 credits during zero-gravity survival training. How many more credits does Leo still need to earn? **120**
3. Captain Nora's submarine target depth is 900 meters into an oceanic trench. The submarine dives $\frac{4}{9}$ of the total depth during the morning and descends at a rate of 70 meters per hour for 4 hours in the afternoon. How many more meters must the submarine dive to reach the trench floor? **220**
4. An alpine expedition team is trekking a 360-kilometer mountain trail over three weeks. They completed $\frac{1}{3}$ of the total distance in the first week and hiked 120 kilometers during the second week. If they cover the remaining distance evenly across 5 days in the third week, how many kilometers must they hike each day? **24**
5. Sam needs to collect 180 sturdy bamboo logs to construct an ocean raft. He gathered $\frac{2}{9}$ of the total logs on Monday and secured 50 more logs on Tuesday. If he gathers the remaining logs evenly over the next 2 days, how many logs must he collect per day? **45**
6. Wildlife rangers are tracking a migratory elephant herd across a 450-mile reserve. The herd covered $\frac{3}{5}$ of the total distance during the first week and 110 miles during the second week. How many miles remain for the herd to reach the sanctuary border? **70**