



The Great Adventure Quest

Multi-Step Math Challenges for Brave Explorers

Name: _____ Date: _____

1 JUNGLE EXPLORATION

Leo finds an ancient treasure chest with 8 leather bags of gold coins inside. Each bag contains 25 gold coins. If Leo gives 45 coins to his friendly jungle guide, how many gold coins does he keep for himself?

Work: _____

Answer: _____

2 DEEP SEA DIVING

Maya is exploring a coral reef to collect glowing pearls. She fills 4 jars with 100 pearls each, 7 bags with 10 pearls each, and holds 8 loose pearls in her pocket. On her way back, a playful octopus takes 35 of her pearls. How many pearls does Maya have left?

Work: _____

Answer: _____

3 MOUNTAIN CLIMBING

Tim packs safety ropes for a mountain climb. He buys 6 packs of strong rope, and each pack has 15 meters of rope. He cuts off 12 meters of damaged rope to keep everyone safe, and then splits the remaining rope equally among his 3 climbing teammates. How many meters of rope does each teammate get?

Work: _____

Answer: _____

4 ANCIENT RUINS

To open a giant stone temple door, Nora must place magical tiles on a pedestal to reach exactly 2,500 points. She places 8 gold tiles worth 100 points each, and 15 silver tiles worth 10 points each. How many more points does Nora need to unlock the door?

Work:

Answer: _____

5 HOT AIR BALLOONING

An explorer team prepares a hot air balloon for takeoff. They pack 5 large crates holding 12 sandbags each, and 3 small crates holding 8 sandbags each. To float higher into the clouds, the crew throws 15 sandbags overboard. How many sandbags are left in the balloon?

Work:

Answer: _____

6 DESERT ISLAND

Two pirate captains are looking for buried treasure. Captain Redbeard finds 4 maps, with each map showing 18 secret locations. Captain Bluebeard finds 3 maps, with each map showing 16 secret locations. They decide to split all the secret locations equally among their 6 search ships. How many locations does each ship search?

Work:

Answer: _____

Answer Key

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1. Leo finds an ancient treasure chest with 8 leather bags of gold coins inside. Each bag contains 25 gold coins. If Leo gives 45 coins to his friendly jungle guide, how many gold coins does he keep for himself? **155**
2. Maya is exploring a coral reef to collect glowing pearls. She fills 4 jars with 100 pearls each, 7 bags with 10 pearls each, and holds 8 loose pearls in her pocket. On her way back, a playful octopus takes 35 of her pearls. How many pearls does Maya have left? **443**
3. Tim packs safety ropes for a mountain climb. He buys 6 packs of strong rope, and each pack has 15 meters of rope. He cuts off 12 meters of damaged rope to keep everyone safe, and then splits the remaining rope equally among his 3 climbing teammates. How many meters of rope does each teammate get? **26**
4. To open a giant stone temple door, Nora must place magical tiles on a pedestal to reach exactly 2,500 points. She places 8 gold tiles worth 100 points each, and 15 silver tiles worth 10 points each. How many more points does Nora need to unlock the door? **1550**
5. An explorer team prepares a hot air balloon for takeoff. They pack 5 large crates holding 12 sandbags each, and 3 small crates holding 8 sandbags each. To float higher into the clouds, the crew throws 15 sandbags overboard. How many sandbags are left in the balloon? **69**
6. Two pirate captains are looking for buried treasure. Captain Redbeard finds 4 maps, with each map showing 18 secret locations. Captain Bluebeard finds 3 maps, with each map showing 16 secret locations. They decide to split all the secret locations equally among their 6 search ships. How many locations does each ship search? **20**