

Name \_\_\_\_\_



## The Search for the Lost Emeralds

**Directions:** Read each problem carefully and show your work. Use addition, subtraction, multiplication, and division to solve each step of your quest.

**1. The Lost Boat Supplies** - Captain Lila packed 8 crates of food with 12 cans in each crate. During a storm, 18 cans were lost at sea. Later, the crew found 10 extra cans floating in the water.

**How many cans of food does the crew have now?**

**2. The Jungle Path** - The explorers hiked 6 miles each day for 4 days. Then they rested for 1 day and only walked 3 miles that day.

**How many miles did they hike in total?**

**3. The Emerald Market** - Each emerald sells for \$25. Lila sold 8 emeralds, then bought 3 new ones at \$20 each.

**How much money did she earn or spend in total?**

**4. The Hidden Waterfall** - The map said the waterfall was 90 meters high. A rope is tied every 15 meters to help climbers rest.

**How many resting points (knots) are there on the rope, not counting the top?**

**5. The Cave of Shadows** - Inside the cave, there are 5 treasure rooms. Each room has 4 golden chests. Each chest holds 15 coins.

On the way out, a guard takes 30 coins as a tax.

**How many coins do the explorers keep?**

**6. The Trading Village** - In the village, 3 traders sell fruit. Each sells 25 bananas and 36 coconuts. The explorers buy half of all the bananas and a third of the coconuts.

**How many fruits do they buy in total?**