



Island Treasure Quest

Solve these multi-step challenges to complete your adventure!

Name: _____ Date: _____

1 JUNGLE EXPLORATION

Leo is following a secret map. He must walk 150 steps to the big oak tree, and then 3 times as many steps to reach the hidden cave. On his way back, he takes a shortcut that is 120 steps shorter than his total walk to the cave. How many steps is the shortcut?

Work:

Answer: _____

2 RIVER CROSSING

An adventure team needs to get 48 explorers across a rushing river. They pack 4 large rafts that hold 6 explorers each, and the remaining explorers must fit into small canoes that hold 3 people each. How many canoes do they need?

Work:

Answer: _____

3 GEM MINING

Maya gathers 8 boxes of glowing crystals from a dark cavern, with each box containing 12 crystals. She gives 15 crystals to her tour guide as a thank-you, and shares the rest equally among her 9 friends. How many crystals does each friend get?

Work:

Answer: _____

4 CASTLE GATES

To unlock the ancient castle gate, Toby needs to collect 120 magic keys. He finds 4 chests that have 18 keys each, and a small pouch with 15 keys. How many more keys does Toby still need to open the gate?

Work:

Answer: _____

5 SPACE SAFARI

Astronaut Clara is packing food bars for a 5-day space journey. She needs to eat 3 meals a day, and each meal requires 2 food bars. If she already has 12 bars packed, how many more food bars does she need to pack?

Work:

Answer: _____

6**DEEP SEA DIVING**

A submarine dives down 180 feet into the ocean. It then rises up 45 feet to avoid a giant coral reef, and finally dives down a distance equal to 3 times that 45-foot rise. What is the submarine's final depth in feet?

Work:

Answer: _____

Answer Key

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| 1. | Leo is following a secret map. He must walk 150 steps to the big oak tree, and then 3 times as many steps to reach the hidden cave. On his way back, he takes a shortcut that is 120 steps shorter than his total walk to the cave. How many steps is the shortcut? | 480 |
| 2. | An adventure team needs to get 48 explorers across a rushing river. They pack 4 large rafts that hold 6 explorers each, and the remaining explorers must fit into small canoes that hold 3 people each. How many canoes do they need? | 8 |
| 3. | Maya gathers 8 boxes of glowing crystals from a dark cavern, with each box containing 12 crystals. She gives 15 crystals to her tour guide as a thank-you, and shares the rest equally among her 9 friends. How many crystals does each friend get? | 9 |
| 4. | To unlock the ancient castle gate, Toby needs to collect 120 magic keys. He finds 4 chests that have 18 keys each, and a small pouch with 15 keys. How many more keys does Toby still need to open the gate? | 33 |
| 5. | Astronaut Clara is packing food bars for a 5-day space journey. She needs to eat 3 meals a day, and each meal requires 2 food bars. If she already has 12 bars packed, how many more food bars does she need to pack? | 18 |
| 6. | A submarine dives down 180 feet into the ocean. It then rises up 45 feet to avoid a giant coral reef, and finally dives down a distance equal to 3 times that 45-foot rise. What is the submarine's final depth in feet? | 270 |