



The Ultimate Island Adventure

Solve these multi-step fraction quests to complete the journey!

Name: _____ Date: _____

1 JUNGLE EXPLORATION

On a jungle trail, 60 brave explorers start a trek. One-third of them get lost inside a dark cave. Then, three-quarters of the remaining explorers find a secret shortcut and run ahead. How many explorers are left on the main trail?

Work:

Answer: _____

2 PIRATE TREASURE

Capt'n Redbeard finds a wooden chest with 120 gold coins. He keeps two-fifths of the coins for himself. He splits the rest of the coins equally among his 6 crew members. How many coins does each crew member get?

Work:

Answer: _____

3 SPACE RESCUE

A rocket ship starts its space journey with 200 gallons of fuel. It uses three-tenths of the fuel to blast off. Then, it uses another one-fifth of the original fuel to escape an asteroid field. How many gallons of fuel are left?

Work:

Answer: _____

4 CASTLE FEAST

At a grand castle feast, the royal chef bakes 80 mini-pies. The knights eat three-eighths of the pies. Then, the wizards eat half of the pies that are left. How many pies remain for the castle dragon?

Work:

Answer: _____

5 ELF MAGIC

An elf needs to brew 150 milliliters of speed potion. She fills two-thirds of the magic bottle with glowing berry juice. Then, she adds 15 milliliters of purple stardust. The rest of the bottle is filled with magic water. How many milliliters of magic water does she need?

Work:

Answer: _____

An explorer's map is 300 centimeters long. He rolls up four-fifteenths of the map to keep it dry from the rain. Then, a playful monkey rips off 50 centimeters from the unrolled part. How many centimeters of the unrolled map are left?

Work:

Answer: _____

Answer Key

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1. On a jungle trail, 60 brave explorers start a trek. One-third of them get lost inside a dark cave. Then, three-quarters of the remaining explorers find a secret shortcut and run ahead. How many explorers are left on the main trail? **10**
2. Capt'n Redbeard finds a wooden chest with 120 gold coins. He keeps two-fifths of the coins for himself. He splits the rest of the coins equally among his 6 crew members. How many coins does each crew member get? **12**
3. A rocket ship starts its space journey with 200 gallons of fuel. It uses three-tenths of the fuel to blast off. Then, it uses another one-fifth of the original fuel to escape an asteroid field. How many gallons of fuel are left? **100**
4. At a grand castle feast, the royal chef bakes 80 mini-pies. The knights eat three-eighths of the pies. Then, the wizards eat half of the pies that are left. How many pies remain for the castle dragon? **25**
5. An elf needs to brew 150 milliliters of speed potion. She fills two-thirds of the magic bottle with glowing berry juice. Then, she adds 15 milliliters of purple stardust. The rest of the bottle is filled with magic water. How many milliliters of magic water does she need? **35**
6. An explorer's map is 300 centimeters long. He rolls up four-fifteenths of the map to keep it dry from the rain. Then, a playful monkey rips off 50 centimeters from the unrolled part. How many centimeters of the unrolled map are left? **170**