



Multi-Step Epic Adventure Math

Grade 4 Multi-Step Word Problems

Name: _____ Date: _____

1 MINECRAFT

Alex is building automated redstone robots. She crafts 8 robots that require 12 iron ingots each, but she already has 25 ingots stored in a chest. How many more iron ingots must she mine to construct all 8 robots?

Work:

Answer: _____

2 PIRATES

Captain Blackbeard salvaged 6 sunken treasure chests containing 15 gold doubloons each. After bribing a friendly mermaid squad with 18 doubloons for safe passage, he splits the remaining gold equally among his 3 officers. How many doubloons does each officer receive?

Work:

Answer: _____

3 SPACE

An astronaut crew on Mars deploys 4 solar arrays that generate 45 kilowatts of power each. If the main habitat consumes 110 kilowatts continuously, how much surplus power remains to charge the rovers?

Work:

Answer: _____

4 CATS

A feline sanctuary houses 9 enchanted cats, each eating 3 scoops of magical kibble twice per day. How many total scoops of kibble are consumed by all the cats over a 5-day span?

Work:

Answer: _____

5 BASKETBALL

Maya scored 7 three-point shots and 8 two-point field goals in her championship game, along with 5 single-point free throws. What was Maya's total point score for the game?

Work:

Answer: _____

6**UNICORNS**

A herd of 5 glitter-unicorns gathers starfruit, harvesting 24 fruits per unicorn. They donate 30 starfruits to the forest spirits and distribute the rest evenly into 6 glowing baskets. How many starfruits are placed in each basket?

Work:

Answer: _____

Answer Key

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1. Alex is building automated redstone robots. She crafts 8 robots that require 12 iron ingots each, but she already has 25 ingots stored in a chest. How many more iron ingots must she mine to construct all 8 robots? **71**
2. Captain Blackbeard salvaged 6 sunken treasure chests containing 15 gold doubloons each. After bribing a friendly mermaid squad with 18 doubloons for safe passage, he splits the remaining gold equally among his 3 officers. How many doubloons does each officer receive? **24**
3. An astronaut crew on Mars deploys 4 solar arrays that generate 45 kilowatts of power each. If the main habitat consumes 110 kilowatts continuously, how much surplus power remains to charge the rovers? **70**
4. A feline sanctuary houses 9 enchanted cats, each eating 3 scoops of magical kibble twice per day. How many total scoops of kibble are consumed by all the cats over a 5-day span? **270**
5. Maya scored 7 three-point shots and 8 two-point field goals in her championship game, along with 5 single-point free throws. What was Maya's total point score for the game? **42**
6. A herd of 5 glitter-unicorns gathers starfruit, harvesting 24 fruits per unicorn. They donate 30 starfruits to the forest spirits and distribute the rest evenly into 6 glowing baskets. How many starfruits are placed in each basket? **15**