Mermaid Kingdom Math Quests

Multi-Step Word Problems for 5th Grade Adventurers

Name: _____ **Date:** _____

1 PEARL COLLECTING

Coral finds 4 giant oysters with 15 pink pearls each and 3 oysters with 20 white pearls each. She divides all her pearls equally among 5 clam shell boxes. How many pearls go into each box?

Work:

Answer: _____

2 SUNKEN TREASURE

Marina discovers a shipwreck chest containing 3,450 silver coins. She sets aside 450 coins to trade for sea-glass jewelry and splits the rest equally among 6 dolphin friends. How many coins does each dolphin receive?

Work:

Answer: _____

3 SEAWEED SMOOTHIES

Chef Finbar needs kelp for the Royal Mer-Café. He buys 8 bundles of kelp weighing 25 grams each, but uses 20 grams for a salad first. He then distributes the remaining kelp equally across 3 smoothie blenders. How many grams of kelp are in each blender?

Work:

Answer: _____

4 PALACE GARDENS

Princess Cleo plants sea anemones in the palace reef. She plants 12 rows with 15 blue anemones each, and 8 rows with 25 purple anemones each. If hungry sea turtles eat 45 of the anemones, how many anemones are left?

Work:

Answer: _____

5 SHIPWRECK EXPLORATION

A team of 14 mermaids explores a sunken galleon, and each mermaid recovers 25 antique keys. Later, they find 150 extra keys inside the captain's desk. How many antique keys did the team gather in total?

Work:

Answer: _____

6 DOLPHIN RACE

In the Great Reef Race, racers complete 4 laps of 850 meters each. Neptune finds a shortcut that shortens his total swim distance by 340 meters. If Neptune splits his total race swim equally into 2 laps, how many meters long is each lap for him?

Work:

Answer: _____

TEACHER / PARENT

Answer Key

Mermaid Kingdom Math Quests · Grade 5

1.	Coral finds 4 giant oysters with 15 pink pearls each and 3 oysters with 20 white pearls each. She divides all her pearls equally among 5 clam shell boxes. How many pearls go into each box?	**24**
2.	Marina discovers a shipwreck chest containing 3,450 silver coins. She sets aside 450 coins to trade for sea-glass jewelry and splits the rest equally among 6 dolphin friends. How many coins does each dolphin receive?	**500**
3.	Chef Finbar needs kelp for the Royal Mer-Café. He buys 8 bundles of kelp weighing 25 grams each, but uses 20 grams for a salad first. He then distributes the remaining kelp equally across 3 smoothie blenders. How many grams of kelp are in each blender?	**60**
4.	Princess Cleo plants sea anemones in the palace reef. She plants 12 rows with 15 blue anemones each, and 8 rows with 25 purple anemones each. If hungry sea turtles eat 45 of the anemones, how many anemones are left?	**335**
5.	A team of 14 mermaids explores a sunken galleon, and each mermaid recovers 25 antique keys. Later, they find 150 extra keys inside the captain's desk. How many antique keys did the team gather in total?	**500**
6.	In the Great Reef Race, racers complete 4 laps of 850 meters each. Neptune finds a shortcut that shortens his total swim distance by 340 meters. If Neptune splits his total race swim equally into 2 laps, how many meters long is each lap for him?	**1530**