Grand Adventure Math Quest

Use your rounding and multi-step math skills to solve these adventure word problems!

Name: _____ **Date:** _____

1 TREASURE ISLAND HIKE

Maya estimates her hiking adventure distance. On Day 1 she hikes 18 miles, and on Day 2 she hikes 23 miles. She rounds each distance to the nearest ten first, then multiplies that estimated daily total by 4 weeks of hiking. What is her total estimated distance in miles?

Work:

Answer: _____

2 JUNGLE SAFARI

In a wild jungle aviary, Alex finds 3 flocks with 14 parrots each. He rounds 14 to the nearest ten first. Then he adds 25 toucans and divides all the birds equally into 5 enclosures. How many birds are in each enclosure?

Work:

Answer: _____

3 SPACE ODYSSEY

Captain Nova trades at two space stations. At Station A, she buys 18 power cells (rounded to the nearest ten). At Station B, she buys 34 power cells (rounded to the nearest ten). If each power cell costs 3 credits, how many credits does she spend altogether?

Work:

Answer: _____

4 MOUNTAIN EXPEDITION

A mountain climbing team hikes 286 meters in the morning and 312 meters in the afternoon. They round each distance to the nearest hundred to estimate their daily climb. How many total meters will they climb if they repeat this estimated climb for 3 days?

Work:

Answer: _____

5 DEEP SEA DIVE

A deep-sea submarine crew collects 142 blue sea-gems and 258 red sea-gems. The captain rounds each gem total to the nearest hundred first. She then splits the rounded total of gems equally into 4 treasure chests. How many gems go into each chest?

Work:

Answer: _____

6 MEDIEVAL CASTLE QUEST

Sir Caleb buys supplies for his knight quest. Health potions cost 48 gold coins (rounded to the nearest ten) and mana potions cost 24 gold coins (rounded to the nearest ten). If he buys 3 health potions and 2 mana potions, how much gold does he spend in total?

Work:

Answer: _____

TEACHER / PARENT

Answer Key

Grand Adventure Math Quest · Grade 4

1.	Maya estimates her hiking adventure distance. On Day 1 she hikes 18 miles, and on Day 2 she hikes 23 miles. She rounds each distance to the nearest ten first, then multiplies that estimated daily total by 4 weeks of hiking. What is her total estimated distance in miles?	**160**
2.	In a wild jungle aviary, Alex finds 3 flocks with 14 parrots each. He rounds 14 to the nearest ten first. Then he adds 25 toucans and divides all the birds equally into 5 enclosures. How many birds are in each enclosure?	**11**
3.	Captain Nova trades at two space stations. At Station A, she buys 18 power cells (rounded to the nearest ten). At Station B, she buys 34 power cells (rounded to the nearest ten). If each power cell costs 3 credits, how many credits does she spend altogether?	**150**
4.	A mountain climbing team hikes 286 meters in the morning and 312 meters in the afternoon. They round each distance to the nearest hundred to estimate their daily climb. How many total meters will they climb if they repeat this estimated climb for 3 days?	**1800**
5.	A deep-sea submarine crew collects 142 blue sea-gems and 258 red sea-gems. The captain rounds each gem total to the nearest hundred first. She then splits the rounded total of gems equally into 4 treasure chests. How many gems go into each chest?	**100**
6.	Sir Caleb buys supplies for his knight quest. Health potions cost 48 gold coins (rounded to the nearest ten) and mana potions cost 24 gold coins (rounded to the nearest ten). If he buys 3 health potions and 2 mana potions, how much gold does he spend in total?	**190**