



# Prehistoric Block Adventurers

Multi-Step Math Challenges in Dinosaur Lands and Minecraft Realms

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## 1 MINECRAFT CRAFTING

Alex planned to craft iron swords, requiring 2 iron ingots for each sword. She initially possessed 15 ingots, crafted 4 swords, and subsequently discovered 5 additional ingots in an abandoned mineshaft chest. How many iron ingots does Alex have in her inventory now?

Work: \_\_\_\_\_

Answer: \_\_\_\_\_

## 2 DINOSAUR PALEONTOLOGY

Dr. Grant excavated 3 complete Velociraptor fossil sets, each comprising 8 significant bones. After donating 6 bones to the local university, he split the remaining bones equally between 2 museum display cases. How many bones were placed in each display case?

Work: \_\_\_\_\_

Answer: \_\_\_\_\_

### 3 MINECRAFT AGRICULTURE

Steve established two fenced pastures, housing 5 sheep in the first pasture and 7 sheep in the second. After feeding them golden wheat, the total population of sheep doubled, but a nearby wolf spooked 4 sheep away into the forest. How many sheep remain in the pastures?

Work:

Answer: \_\_\_\_\_

### 4 DINOSAUR EXPEDITION

A massive Triceratops consumes 4 bundles of vegetation every hour. It grazed peacefully for 3 hours during the morning and 2 hours during the afternoon, but a rival herbivore managed to steal 5 bundles from its total harvest. How many bundles did the Triceratops actually consume?

Work:

Answer: \_\_\_\_\_

### 5 MINECRAFT REDSTONE

Maya harvested 18 pieces of redstone dust and divided them evenly into 3 separate storage chests. Later, she retrieved the full contents of one chest and combined them with 10 newly mined redstone pieces from a cavern deeper underground. How many total redstone pieces are in her inventory now?

Work:

Answer: \_\_\_\_\_

**6****DINOSAUR NESTING**

A nesting Pteranodon constructed 4 distinct nests, placing 3 eggs into each. An unexpected rockfall crushed 2 of the eggs, but all the remaining intact eggs hatched and were split equally into 2 flying flocks. How many baby Pteranodons belong to each flock?

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Work:

Answer: \_\_\_\_\_

# Answer Key

Prehistoric Block Adventurers · Grade 2

1. Alex planned to craft iron swords, requiring 2 iron ingots for each sword. She initially possessed 15 ingots, crafted 4 swords, and subsequently discovered 5 additional ingots in an abandoned mineshaft chest. How many iron ingots does Alex have in her inventory now? **12**
2. Dr. Grant excavated 3 complete Velociraptor fossil sets, each comprising 8 significant bones. After donating 6 bones to the local university, he split the remaining bones equally between 2 museum display cases. How many bones were placed in each display case? **9**
3. Steve established two fenced pastures, housing 5 sheep in the first pasture and 7 sheep in the second. After feeding them golden wheat, the total population of sheep doubled, but a nearby wolf spooked 4 sheep away into the forest. How many sheep remain in the pastures? **20**
4. A massive Triceratops consumes 4 bundles of vegetation every hour. It grazed peacefully for 3 hours during the morning and 2 hours during the afternoon, but a rival herbivore managed to steal 5 bundles from its total harvest. How many bundles did the Triceratops actually consume? **15**
5. Maya harvested 18 pieces of redstone dust and divided them evenly into 3 separate storage chests. Later, she retrieved the full contents of one chest and combined them with 10 newly mined redstone pieces from a cavern deeper underground. How many total redstone pieces are in her inventory now? **16**
6. A nesting Pteranodon constructed 4 distinct nests, placing 3 eggs into each. An unexpected rockfall crushed 2 of the eggs, but all the remaining intact eggs hatched and were split equally into 2 flying flocks. How many baby Pteranodons belong to each flock? **5**