



Cretaceous Calculations

Multi-Step Dinosaur Adventures

Name: _____ Date: _____

1 PALEONTOLOGY EXCAVATION

Dr. Alvarez discovered 45 fossilized Tyrannosaurus rex teeth and 38 Triceratops teeth at the Hell Creek Formation. If she donated 15 of these specimens to a local museum and kept the rest for her university lab, how many fossilized teeth does she have left?

Work: _____

Answer: _____

2 HERBIVORE GRAZING

A juvenile Brachiosaurus consumes 5 large bundles of prehistoric ferns every hour. If the park rangers prepare 60 bundles for the morning feed, how many bundles are left after the giant dinosaur grazes for 8 hours?

Work: _____

Answer: _____

3 FOSSILIZED TRACKS

Geologists studying ancient mudstone discovered two separate fossilized trackways, one with 14 dinosaur footprints and another with 16 footprints. If they want to divide these footprints equally among 5 protective glass display cases, how many footprints will be exhibited in each case?

Work: _____

Answer: _____

4 STICKER COLLECTING

A paleontology club purchases 3 packs of 10 Velociraptor stickers and 8 individual stickers. After trading away 15 stickers to another collector, they purchase 2 more packs of 10 stickers. How many stickers do they have now?

Work:

Answer: _____

5 RAPTOR MIGRATION

In a prehistoric river valley, there are 4 active packs of Deinonychus, with each pack containing exactly 5 members. If 7 more lone raptors wander into the valley, but then 3 raptors migrate away to find water, how many raptors are left in the valley?

Work:

Answer: _____

6 FOSSIL SORTING

Volunteers at an archaeological dig site uncovered 50 fossilized prehistoric teeth. They discovered that 14 of the teeth were too damaged to salvage. If they distribute the remaining healthy fossils evenly among 4 university researchers, how many fossils does each researcher receive?

Work:

Answer: _____

Answer Key

Cretaceous Calculations · Grade 2

1. Dr. Alvarez discovered 45 fossilized Tyrannosaurus rex teeth and 38 Triceratops teeth at the Hell Creek Formation. If she donated 15 of these specimens to a local museum and kept the rest for her university lab, how many fossilized teeth does she have left? **68**
2. A juvenile Brachiosaurus consumes 5 large bundles of prehistoric ferns every hour. If the park rangers prepare 60 bundles for the morning feed, how many bundles are left after the giant dinosaur grazes for 8 hours? **20**
3. Geologists studying ancient mudstone discovered two separate fossilized trackways, one with 14 dinosaur footprints and another with 16 footprints. If they want to divide these footprints equally among 5 protective glass display cases, how many footprints will be exhibited in each case? **6**
4. A paleontology club purchases 3 packs of 10 Velociraptor stickers and 8 individual stickers. After trading away 15 stickers to another collector, they purchase 2 more packs of 10 stickers. How many stickers do they have now? **43**
5. In a prehistoric river valley, there are 4 active packs of Deinonychus, with each pack containing exactly 5 members. If 7 more lone raptors wander into the valley, but then 3 raptors migrate away to find water, how many raptors are left in the valley? **24**
6. Volunteers at an archaeological dig site uncovered 50 fossilized prehistoric teeth. They discovered that 14 of the teeth were too damaged to salvage. If they distribute the remaining healthy fossils evenly among 4 university researchers, how many fossils does each researcher receive? **9**