

A Tyrannosaurus Rex is the central focus, shown in profile with its mouth wide open, revealing sharp teeth. It is set against a backdrop of a lush, prehistoric landscape with tall trees and a body of water. In the distance, other dinosaurs, including a Triceratops and a Stegosaurus, are visible. The entire scene is framed by a white, hand-drawn style border.

Digging Dinosaur Problem

PEP Second Grade

Problem

1:

These problems get harder as you go up.
Solve as many as you want!



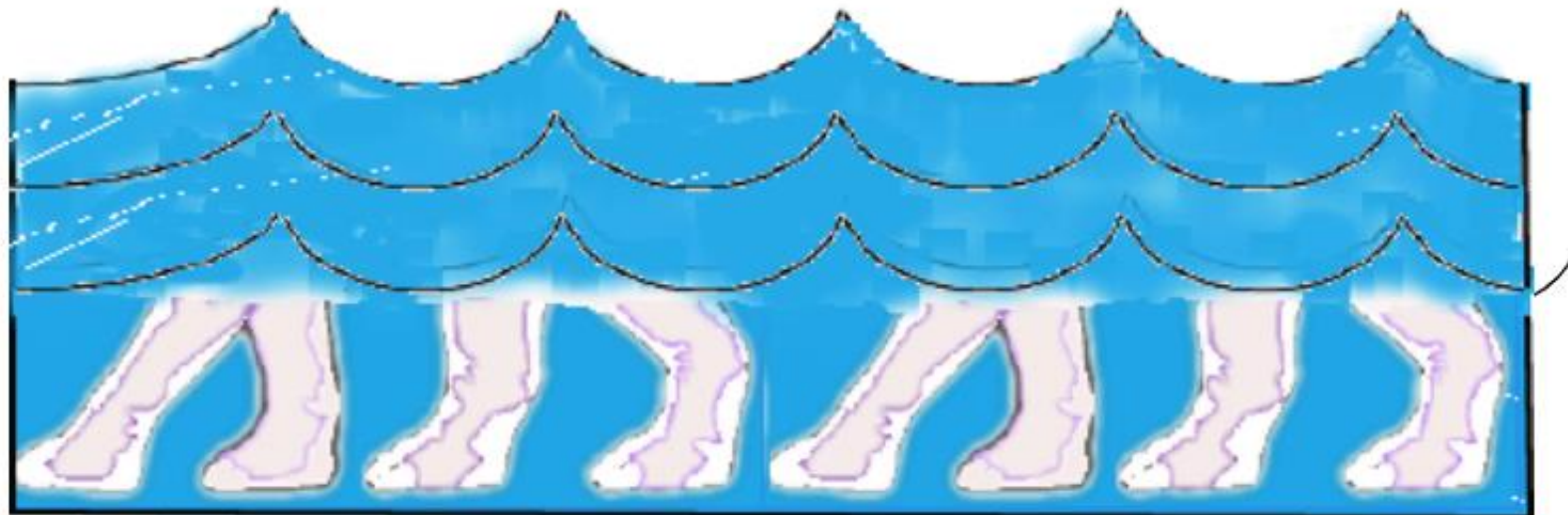


Digging Dinosaurs



Level A:

You are swimming under water in a lake and you see dinosaur feet in the water. You don't want to go to the surface in case they are not friendly dinosaurs. Below is a picture of what you see.



How many dinosaurs are standing in the lake?

Problem 2





Level B:

You want to go with your sister to the museum to see the dinosaur exhibit. The museum has three different plans to pay for going to see the dinosaurs.

Museum Rate Plans

Plan A: Pay \$ 3.00 per person to visit the Museum.

Plan B: Monthly membership is \$8.00 for each person, but you can go as many times as you like during the month.

Plan C: A family membership for a month is \$17.00. Everyone in your family can go as often as they like for a month.

You and your sister want to go see the dinosaur exhibit three times this month. Which plan should you buy to save money?



Problem

3

Level C:

It is summer vacation and you can go to the museum more often. The rates change for a summer special.

Museum Summer Rate Plans

Plan A: Pay \$ 2.75 per person to visit the museum.

Plan B: Monthly membership is \$7.50 for each person, but you can go as many times as you like during the month.

Plan C: A family membership for a month is \$15.25. Everyone in your family can go as often as they like for a month.



If you and your brother want to go to the museum eight times during the three months of summer, which one plan should you use and when should you go to save the most money?