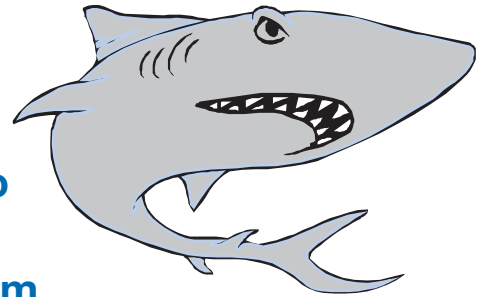


# Shark Day

Mrs. Dewey's class spent a day studying sharks. Use the *Addition Strategies Menu* in the Reference section to help you solve each problem. Estimate first to make sure your answer is reasonable. Show or tell how you solved each problem. Include number sentences and labels.



1. Grace read that one hammerhead shark weighed 530 pounds. Another hammerhead shark weighed 482 pounds. She wondered if their combined weight would be more than 1000 pounds. Find the weight of the two sharks together.

Estimate:

Number sentence \_\_\_\_\_

2. Bull sharks have 50 rows of teeth and can lose up to four teeth a week. A scientist from South Africa had 973 shark teeth in his collection and a scientist from Australia had 618 shark teeth in her collection. When they put their collections together, how many shark teeth did the scientists have to study?

Estimate:

Number sentence \_\_\_\_\_

3. Scientists recorded the number of sharks swimming along the coast. There were 453 black tip sharks and 712 spinner sharks. How many sharks did the scientists see altogether?

Estimate:

Number sentence \_\_\_\_\_



## Check-In: Questions 4–5

4. Use mental math to solve this problem.

Darius learned that whale sharks feed on tiny ocean creatures as they take huge gulps of water. A whale shark gulps and filters about 750 gallons of water in 30 minutes. About how much water does a whale shark gulp in one hour?

Estimate:

Number sentence \_\_\_\_\_

5. Use a paper-and-pencil strategy to solve this problem.

Peter learned that sharks like to travel to warmer waters. Great white sharks migrate between California and Hawaii. One shark swam 388 miles in one week and 435 miles the next week. How far did the shark swim in two weeks?

Estimate:

Number sentence \_\_\_\_\_

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

**Shark Day  
Check-In: Questions 4–5  
Feedback Box**

	Expectation	Check In	Comments
Add multidigit numbers using mental math strategies. [Q# 4]	E6		
Add multidigit numbers using paper-and-pencil methods (e.g., expanded form, all-partials, and compact). [Q# 5]	E7		
Estimate sums and differences using mental math strategies. [Q# 4–5]	E8		

	Yes . . .	Yes, but . . .	No, but . . .	No . . .
<b>MPE1. Know the problem.</b> I read the problem carefully. I know the questions to answer and what information is important.				
<b>MPE2. Find a strategy.</b> I choose good tools and an efficient strategy for solving the problem.				
<b>MPE3. Check for reasonableness.</b> I look back at my solution to see if my answer makes sense. If it does not, I try again.				
<b>MPE5. Show my work.</b> I show or tell how I arrived at my answer so someone else can understand my thinking.				
<b>MPE6. Use labels.</b> I use labels to show what numbers mean.				