



CHARLES RIVER  
conservancy



MathTalk



## Ready for a math adventure? Join the Charles River Conservancy and MathTalk and explore the math all around you in Magazine Beach and in nature!

About how many **trees** can you see in the park from the **Powder Magazine**?

- 10 - 50       50 - 100       More than 100

Which of the trees that you see looks **biggest**? How many different ways can you describe the size of that tree? (About how **tall** is it? How do you think we could **measure the trunk**? **About how many leaves** or **branches** do you think it might have? And so on.)

Find three different kinds of **leaves**. Put them in order from **shortest** to **tallest**. Then order them from **narrowest** to **widest**. Describe and compare the **shapes** of your leaves.

Draw your favorite **leaf** in the box below. Is it **bigger** or **smaller** than your hand?  
Do you notice any **patterns**?



A large rectangular area with a dashed orange border, intended for drawing a leaf.

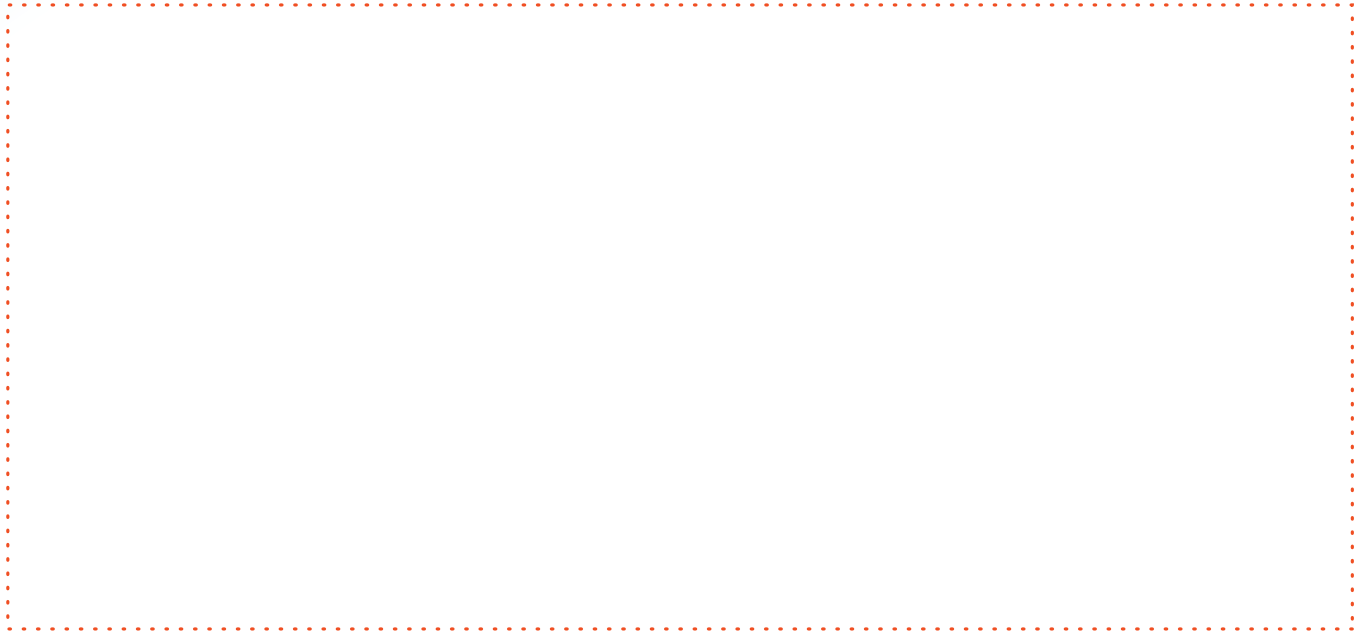


How many **giant steps** does it take to get from the **Powder Magazine** to the **Charles River**?



How many **bugs** can you find by the **river**?

Find a **flower** near the **river** and draw it.  
What **shapes** does it have?



How many **baby steps** does it take to get from the **Charles River** to the **Magazine Beach Pool**?

How many **caterpillars** long do you think the **pool** is?



Do you think the pool could fit in between the **Powder Magazine** and the **Charles River**?



Can you find any **seeds** in the lawn between the **pool** and the **bridge**?

Which seed feels **heaviest**? Which feels **lightest**? What kinds of shapes do the seeds have?

