



Name \_\_\_\_\_

Date \_\_\_\_\_

## Lighting the Way: Lighthouses of the Chesapeake Bay

There are many beautiful lighthouses on the Chesapeake Bay. Read about some of them. Then answer the questions. You will be a shining math student!

### Welcome to the Chesapeake Bay: The Cape Henry Lighthouse

The Cape Henry Lighthouse is the oldest lighthouse in the Chesapeake Bay. If you are sailing into the Bay from the Atlantic Ocean, you will see it. In fact, you will see two lighthouses. The other one is the new Cape Henry Lighthouse.

People started to build the old lighthouse 1774. But, then the Revolutionary War started. The work stopped. The lighthouse started shining in 1792.

In 1870, people saw big cracks in the lighthouse walls. A new lighthouse was built near the old one. Today, you will see these two lighthouses as you come into the Chesapeake Bay.

1. How many years did it take for the old Cape Henry Lighthouse to be built? (Count the years work stopped because of the war.)

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2. How many years did the old Cape Henry Lighthouse shine without showing any cracks?

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### Try, Try Again: The Smith Point Lighthouse

Smith Point is where the Potomac River comes into the Bay. It's hard to keep a lighthouse at this point. The first Smith Point Lighthouse was built on land in 1802. But, water flooded the area. The lighthouse was built again in 1807. But water ruined this one, too. In 1828, a lighthouse was built in the water. An ice storm in 1895 broke it apart. Finally, in 1897, a very sturdy water lighthouse was built. Today, its light still shines.

3. Look at this timeline. Write the years when lighthouses were built at Smith Point.

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<b>First lighthouse built</b>	<b>Second lighthouse built</b>	<b>Lighthouse built in water</b>	<b>Ice ruins lighthouse</b>	<b>Lighthouse built again</b>

4. How many years has the new Smith Point Lighthouse been standing?

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### **Tacking Around Thomas Point Light**

Thomas Point is near the city of Annapolis. There has been a lighthouse here since 1824. A lighthouse keeper stayed at Thomas Point to keep the lights shining until 1986. Today, the lights still shine to help boats. But now they work automatically.

5. How many years did a keeper work at the Thomas Point Lighthouse?

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6. How long have the lights worked automatically? \_\_\_\_\_

### **The Leaning "Tower" at Bloody Point Bar Lighthouse**

A lighthouse was built at Bloody Point in 1882. Trouble started 2 years later. It started to lean to one side. People brought in tons of stones. But this did not stop all of the leaning. Today, Bloody Point flashes a light beam every 6 seconds. But it comes from an angle!

7. How many years has there been a lighthouse at Bloody Point Bar?

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8. How many times in a minute does the light at Bloody Point Bar flash?

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