



Cabot Public Schools

2019-2020

Alternative Methods of Instruction

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

## 4th Grade AMI Work #5

*Your child will have 5 days to complete and return this to his/her teacher to get credit for the day. If you need more time, please let the teacher know.*

### Big Waves!

Take a look at a world map. Can you find the Pacific Ocean? Japan is a country made up of many islands in that ocean. Most people in Japan live close to the waters of the Pacific.

A few years ago, people living in the Tohoku region of Japan saw something strange. Giant ocean waves were coming toward them. When the waves reached the beach, they did not stop. Streets and homes were flooded.



Giant waves like those are known as tsunamis (*soo-NAH-meess*). *Tsunami* is a Japanese word that means “harbor wave.”

What causes a tsunami? An earthquake occurs in the ocean. The land below the water shakes. That causes water to swell into giant waves. The waves travel quickly across the ocean.

The tsunami that hit Tohoku started as an earthquake in the ocean eighty miles away. The quake was very strong. The tsunami waves it

created kept coming for hours. The waves destroyed ships, cars, and many buildings.

Scientists are studying the **events** of the Tohoku tsunami. The scientists hope to learn things that will make people safer the next time a tsunami happens.

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1. What causes a tsunami? Circle the correct answer.

- a. Earthquakes in the ocean
- b. Thunderstorm
- c. Warm air rising over the ocean

2. Complete the chart below to identify the effects tsunamis had on Tohoku, Japan.

	Effects of Tsunamis
Tohoku, Japan	<ul style="list-style-type: none"><li>• Streets and homes were flooded</li><li>•</li></ul>

3. The passage stated that “Scientists are studying the **events** of the Tohoku tsunami to learn things that will keep people safer the next time a tsunami happens.” What does the word *event* mean in this sentence?

- a. Special occasions
- b. Important things that happened
- c. Sporting contests

Solve: Your teacher has 58 sheets of stickers. Each sheet has 37 stickers on it. How many stickers does your teacher have? Use words and/or numbers to justify your answer.

Solve: A rectangle has a length of 9 yards and a width of 7 yards. A square has a side of 8 yards. Which has the greater area: the square or the rectangle? Use words and/or numbers to justify your answer.

## Counseling

What makes you happy?

