

Day 8

# WRMS



## 7<sup>th</sup> Grade

# AMI Packet

# DAY EIGHT

Name \_\_\_\_\_

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

## 2-Step Equation Word Problems

### Example

A new one-year membership at Roswell Tennis Center costs \$160. A registration fee of \$28 is paid up front, and the rest is paid monthly. How much do new members pay each month?

- What is the important information we need to answer the question?
- What will your variable represent?
- Write your equation.

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

*registration fee plus monthly cost per year is your total cost for one-year*

- Solve the equation.

- |   |   |
|---|---|
| <p>2. Jasmine's cell phone company charges her \$35 an month for phone service plus 0.50 for each text message. How many text messages does Jasmine send in a month if her bill was \$52?</p> <ol style="list-style-type: none"> <li>Write an equation using <math>t</math> for the number of text messages.</li> <li>Solve the equation.</li> </ol> <p>4. Elkins Pointe basketball team purchased equipment and uniforms for a total cost of \$912. The equipment cost 612 and the uniforms were \$25 each. How many uniforms did the school purchase?</p> <ol style="list-style-type: none"> <li>Write an equation using <math>u</math> for the number of uniforms.</li> <li>Solve the equation.</li> </ol> | <p>3. Caroline's Coffee Shop sells a refill mug for \$8.95. Each refill costs \$1.50. Last month Sean spent \$26.95 on a mug and refills. How many refills did he buy?</p> <ol style="list-style-type: none"> <li>Write an equation using <math>r</math> for the number of refills.</li> <li>Solve the equation.</li> </ol> <p>5. The bill for the repair of a computer was \$179. The cost of parts was \$44, and labor charge was \$45 per hour. How many hours did it take to repair the computer?</p> <ol style="list-style-type: none"> <li>Write an equation and solve.</li> <li>Write an equation using <math>h</math> for the number of hours it took to repair the computer.</li> <li>Solve the equation.</li> </ol> |
|---|---|



# Day 8

6. Blake's Bowling Alley offers a special. Each game costs \$2.50 and the shoe rental \$2.00. You spend \$14.50 total. How many games did you bowl?

a. Write an equation and solve.

1. A pamphlet urging people not to eat animals or use products made from animals or animal by-products because the author thinks that is cruel and unnecessary

Author's Purpose \_\_\_\_\_

Explain Your Answer \_\_\_\_\_

Write a sentence or two

8. The sum of the measures of the angles of all triangles is 180 degrees. If one angle of the triangle measures 45 degrees. The measure of the other 2 angles is equal. What is the measure of the other 2 angles?

a. Write an equation and solve.

3. A cook book containing recipes for making cakes, cookies, and other desserts

Author's Purpose \_\_\_\_\_

Explain Your Answer \_\_\_\_\_

Write a sentence or two

10. Ronaldo scored 4 goals in his first soccer game. He then scored the same amount of goals in his next 3 games. If Ronaldo has 10 goals total, how many did he score in each game?

a. Write an equation and solve.

5. A politician's speech about how homes should be provided to families who cannot afford them

Author's Purpose \_\_\_\_\_

Explain Your Answer \_\_\_\_\_

Write a sentence or two

7. Renting boats on a lake costs \$22 per hour plus a flat fee of \$10 for insurance. If you paid \$98 to rent the boat, how many hours did you rent the boat?

a. Write an equation and solve.

4. A pamphlet urging people not to eat animals or use products made from animals or animal by-products because the author thinks that is cruel and unnecessary

Author's Purpose \_\_\_\_\_

Explain Your Answer \_\_\_\_\_

Write a sentence or two

9. You and 3 friends are going to the County Fair. You have a coupon that will save your group \$20. If the total bill to get into the fair was \$100, how much does one regular price ticket to the fair cost?

a. Write an equation and solve.

3. A cook book containing recipes for making cakes, cookies, and other desserts

Author's Purpose \_\_\_\_\_

Explain Your Answer \_\_\_\_\_

Write a sentence or two

11. Raymond buys bottles of water at \$2 each and a large pizza at \$13. The total cost was \$21. How many bottles of water did Raymond buy?

a. Write an equation and solve.



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

### Author's Purpose Activity 2

**Directions:** Read the descriptions of each item and determine the author's purpose (to entertain, persuade, or inform). Then, in a sentence or two, explain your answer.

1. A pamphlet urging people not to eat animals or use products made from animals or animal suffering because the author thinks that is cruel and unnecessary

Author's Purpose: \_\_\_\_\_

**Explain Your Answer:**  
Write a sentence or two.

2. A book of over 1,000 knock-knock jokes

Author's Purpose: \_\_\_\_\_

**Explain Your Answer:**  
Write a sentence or two.

3. A cook book containing recipes for making cakes, cookies, and other desserts

Author's Purpose: \_\_\_\_\_

**Explain Your Answer:**  
Write a sentence or two.

4. The story of a young woman who, after the death of her grandfather, quit her job in the business world and returned home to help her aging grandmother

Author's Purpose: \_\_\_\_\_

**Explain Your Answer:**  
Write a sentence or two.

5. A politician's speech about how homes should be provided to families who cannot afford them

Author's Purpose: \_\_\_\_\_

**Explain Your Answer:**  
Write a sentence or two.

Name: \_\_\_\_\_ Class: \_\_\_\_\_

# 5 Surprising Facts About The Refugee Crisis

By Jason Beaubien  
2017

*Refugees are people who have been forced to leave their countries in order to escape war, persecution, or natural disaster. In recent years, the number of refugees seeking safety in other countries has become alarmingly high. In this NPR article, Jason Beaubien describes some of the most severe refugee crises around the world and how other countries are responding to them. As you read, take notes on what obstacles people displaced from their homes encounter while trying to find safety.*

- [1] The number of people forcibly displaced from their homes is the highest since World War II.

According to a new report from the United Nations Refugee Agency, UNHCR,<sup>1</sup> 65.6 million people are currently living as refugees or as displaced persons inside their own countries. This includes 10.3 million people who were uprooted from their homes in 2016.



*"kawergosk 1" by European Commission DG ECHO is licensed under CC BY-NC-ND 2.0.*

Syria continues to be the largest source of refugees. According to the U.N., 12 million Syrians — more than half the country's population — have been forced from their homes. Five million have fled to neighboring countries and Europe, while the rest remain inside Syria, officially labeled as displaced persons.

Syria is also the largest source of new refugees: 824,000 in 2016. It was followed by South Sudan, where 740,000 people fled the country because of the brutal civil war. There are now 1.4 million South Sudanese refugees abroad, along with 1.9 million internally displaced people.

- [5] Neighboring Uganda has taken in hundreds of thousands of South Sudanese over the last three years. In 2016, the Bidi Bidi camp in Uganda grew so much it's now the largest refugee camp in the world, giving shelter to more than 270,000 South Sudanese.

Here are some of the surprising facts and trends from this new report.

**1. A shockingly high percent of the world's displaced are kids.** More than half the refugees around the globe are under the age of 18, even though children make up 31 percent of the world's population.

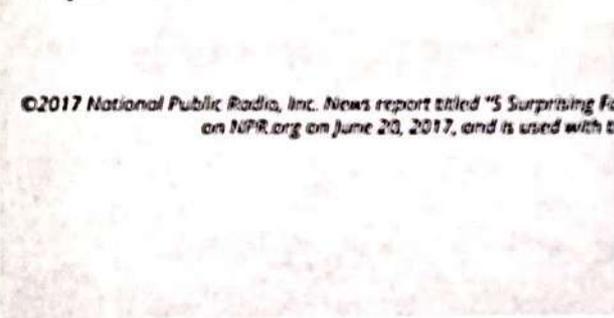
**2. Many of these kids are fleeing alone.** In 2016 alone, according to UNHCR, 75,000 children applied for asylum<sup>2</sup> as "unaccompanied minors." Most were from Afghanistan and Syria. The country receiving the greatest number of requests for asylum for these children was Germany: 35,900.

1. The Office of the United Nations High Commissioner for Refugees is sometimes referred to as the United Nations Refugee Agency.
2. protection granted by a nation to someone who has left their native country as a political refugee

**3. The greatest burden of the global refugee crisis falls on low-income and middle-income countries.** Turkey remains the largest host of refugees globally, with nearly 3 million living inside its borders. Pakistan is second. Among the top ten host nations only one is a high-income country: Germany, at number 8 on the list, hosting 669,500 refugees and asylum seekers.

[10] **4. Most people who are driven from their homes by armed conflict don't end up officially as refugees.** If they haven't crossed an international border, the U.N. designates them as "internally displaced persons" or IDPs. In 2016 there were 40.3 million internally displaced persons around the world, far overshadowing the 25.3 million refugees. From the UN's perspective, this is an important distinction. Refugees fall under the auspice<sup>3</sup> of the U.N. High Commissioner for Refugees and are entitled to certain rights and basic assistance. IDPs are the responsibility of their own government, often the government that failed to protect them in their homes in the first place.

**5. Colombia has the highest number of IDPs in the world: 7.6 million.** A huge portion of its population are internally displaced because of the decades-long conflict between the FARC<sup>4</sup> rebels and the government. Syria had the second highest number of people listed as internally displaced last year, with just over 6 million.



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- 3. protection or support
- 4. the Revolutionary Armed Forces of Colombia

Directions: Read "5 Surprising Facts about the Refugee Crisis" and answer the following prompt.

Prompt: In a one page essay answer the following question:

Do you think more countries should accept refugees? Why or why not?

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\_\_\_\_\_

Justi's hypothesis

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Emma's hypothesis

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1. According to the passage, which sister would agree that the balloon would not have deflated if the wind would have been blowing throughout the night?

\_\_\_\_\_

\_\_\_\_\_

2. According to the passage, Emma hypothesized that

\_\_\_\_\_ was the cause of the change in the temperature of the balloons and deflation.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

William celebrated his birthday at his house. Around noon he tied 3 balloons to his mailbox to help his friends find his house. The balloons were fully inflated.

The next morning William noticed that the balloons had deflated to about half the size they were the day before. As the day went on William noticed that his balloons seemed to be getting bigger and were close to their original size.

William's sisters, Emma and Josie tried to help him solve the mystery.

### Josie's hypothesis

During the night the wind was not blowing. The air inside the balloons was putting an unequal pressure on the balloons and therefore the air was able to escape through tiny holes in the balloons. The next day the wind started blowing again and filled the balloons back up with air being blown through tiny holes in the balloons.

### Emma's hypothesis

Warm air takes up more space than cooler air. The balloons were inflated during the day when it was warmer outside. The temperature dropped throughout the night. As the air in the balloons cooled the air took up less space causing the balloons to deflate. As the sun came up and the temperature began to climb the air inside the balloons began to expand re-inflating the balloons.

1. According to the passage, which sister would agree that the balloon would not have deflated if the wind would have been blowing throughout the night? \_\_\_\_\_
2. According to the passage, Emma hypothesized that \_\_\_\_\_ was the cause of the change in the balloons deflating and inflating.

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3. William placed a balloon in the freezer for several hours, according to Emma what should happen to the balloon? Use evidence from the passage to support your answer.

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4. The following day Will noticed that the wind was not blowing and the balloons were still inflated. Is this information consistent with Josie's hypothesis? Use evidence from the passage to support your answer.

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5. Will's mother once told him that hot air balloons use warm air to fly. The air heats up and expands causing the air in the balloon to be less dense than the surrounding air. The less dense air rises causing the hot air balloon to rise as well. According to the passage would Emma agree or disagree with her mother? Use evidence from the passage to support your answer.

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