

WRMS



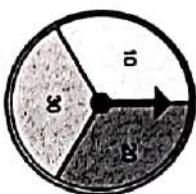
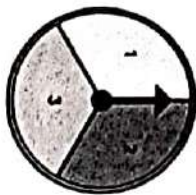
7th Grade

AMI Packet

DAY SEVENTEEN

Name _____

1.) Zach is playing a game with the two spinners below. During each turn, he will spin both spinners and add the two values together. The game lasts 90 turns. How many times should he expect to get a sum equal to or greater than 22?



- a. 10
- b. 30
- c. 50
- d. 60

3.) Mickey Minnie went to dinner. Their bill "b" dollars, and an 8% tax was added to the bill. Which expressions could be used to calculate the total cost of the bill including tax?

- I. $b + 0.08b$
- II. $1.08b$
- III. $0.92b$
- IV. $b - 0.08b$

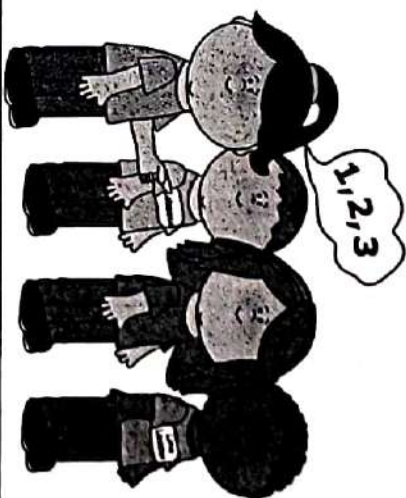
- a. I and III
- b. II and IV
- c. III and IV
- d. I and II
- e. II and III



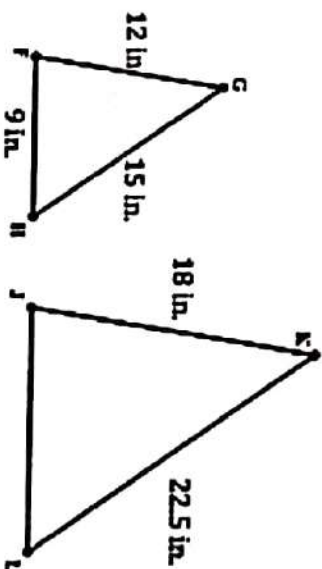
Day 17

2.) Ms. Henderson divided her 90 seventh graders into three groups. The second group of students was 1.5 times larger than the first, and the third group of students had 8 less students than the first. How many students were in the smallest group?

- a. 28 students
- b. 30 students
- c. 42 students
- d. 20 students



4.) Triangle $GFH \sim KIL$. What is the measure of side JL ?



- a. 13.5 in.
- b. 18 in.
- c. 12 in.
- d. 15.5 in.

NAME _____

DATE _____

PERIOD _____

Unit 6, Lesson 9: Dealing with Negative Numbers

Solve each equation. Show your work, or explain your reasoning.

1. $-3x - 5 = 16$

2. $-4(y - 2) = 12$

2.4 IRAQ'S PROBLEMS AND PROMISE

Explore Baghdad's Cultural Institutions

Iraq was home to one of the world's first great civilizations. In modern times, it has been a cultural leader. In recent times of war, major landmarks of the country have suffered damage and loss. Read each of the descriptions and answer the questions.

National Museum Some of the worst damage after the U.S. invasion in 2003 struck the National Museum. The museum held treasures and objects from 5,000 years of history but was left unguarded. In the first few days, looters stole thousands of objects from the ancient civilizations of Mesopotamia, Babylon, and Assyria. They smashed display cases and carried away statues, pottery, and gold. Some looters were ordinary thieves; others were professional dealers in stolen artifacts.

Within a few years, many stolen items were returned. Others were recovered from smugglers or dealers. The museum officially reopened several times, although not to the public. A few galleries were completely restored.

National Stadium Football, which Americans call "soccer," is the most popular sport in much of the world. Baghdad's National Stadium, Al-Shaab, was home to the Iraqi national team, the "Lions of Mesopotamia." In 2003, after the invasion, U.S. forces took over this stadium. The stadium was also damaged by bombings. For several years, the national football team had to play in other countries.

The Iraqi national team returned to Al Shaab in the fall of 2008. By early 2009, local soccer clubs were playing there, too. Thousands of fans turned out to watch.

National Symphony Orchestra The Iraqi National Symphony Orchestra was organized in the 1940s but was almost destroyed during the war years when many players fled the country. In addition, religious conservatives attacked the orchestra, saying that music was "anti-religious." It was even dangerous for musicians to be seen carrying their instruments. At one point only 17 members could get to rehearsal.

Recently, the orchestra has been recovering, and by 2010 it consisted of 90 musicians.

1. **Make Inferences** How do interests such as sports, music, and history help contribute to a sense of national unity in any country? Why is this especially important in present-day Iraq?

2. **Form and Support Opinions** If you lived in Baghdad, which of these cultural institutions would be most important to you? Why?

3. **Compare and Contrast** What U.S. institutions do you think are important to people's sense of normal life and national unity? Are they alike or unlike those in Iraq?

Going Buggy

Recycle your trash and make the cutest, scariest, or zaniest bug you can imagine!

Directions:

Use trash items such as newspaper, cardboard, straws, and caps to make a litter bug. Have fun and be creative.

You may need adult help and supervision to hot glue items to your bug friend.

Then name your bug and write an introduction of him/her to share with the class.

This is your Day 17 AND

-Day 18 project ***

Name: _____

Main Idea

Directions: Read each passage and ask yourself, "What is the author doing in this paragraph?" Write your answer in the summary box and then think of an appropriate title for the passage based on the main idea of the passage.

1. A penny for your thoughts? If it's a 1943 copper penny, it could be worth as much as fifty thousand dollars. In 1943, most pennies were made out of steel since copper was needed for World War II, so the 1943 copper penny is ultra-rare. Another rarity is the 1955 double die penny. These pennies were mistakenly double stamped, so they have overlapping dates and letters. If it's uncirculated, it'd easily fetch \$25,000 at an auction. Now that's a pretty penny.

Summarize this paragraph in one sentence. **Be specific and clearly explain the main idea.**

An appropriate title: _____

2. Before you put on that skeleton costume and rove door-to-door pandering for candy, take a minute to reflect on this tradition. Halloween is believed to have come from an ancient Celtic festival dating back some 2,000 years. November 1st was the Celtic New Year and marked the end of summer to the Celts. They celebrated on its eve by wearing costumes made of animal skins and dancing around bon fires. Over the next two millennia, this primitive celebration grew to be the candy fueled costume ball that we know today.

Summarize this paragraph in one sentence. **Be specific and clearly explain the main idea.**

An appropriate title: _____

3. When one hears the term "reality" applied to a show, one might expect that the events portrayed occurred naturally or, at the least, were not scripted. This is not always the case. Many reality shows occur in unreal environments, like rented mansions occupied by film crews. Such living environments do not reflect what most people understand to be "reality." Worse, there have been accusations that events not captured on film were later restaged by producers. Worse still, some involved in the production of "reality" television claim that the participants were urged to act out story lines premeditated by producers. With such accusations floating around, it's no wonder many people take reality TV to be about as real as the sitcom.

Summarize this paragraph in one sentence. **Be specific and clearly explain the main idea.**

An appropriate title: _____

4. It is estimated that over twenty million pounds of candy corn are sold in the US each year. Brach's, the top manufacturer, sells enough candy corn to circle the earth 4.25 times if each piece were laid end to end. That's a lot of candy corn, but that's nothing compared to the production of Tootsie Rolls. Over 64 million Tootsie Rolls are produced every day! But even Tootsie Rolls have got nothing on the candy industry's staple product: chocolate. Confectioners manufacture over twenty billion pounds of chocolate in the United States each year. Now that's a mouthful!

Summarize this paragraph in one sentence. **Be specific and clearly explain the main idea.**

An appropriate title: _____

5. Screech! When a driver pushes on the brake pedal, it initiates a process that causes the vehicle to stop in motion. We literally trust braking systems with our lives every time we get into a vehicle or cross at a busy intersection. How does this life-critical process work? It begins when the pedal is pushed. At this moment brake fluid is released into the braking mechanisms. As the fluid collects, this creates a leverage, which causes a friction to be applied. This friction will create a force that will cause the wheels to stop and allow you to reach your destination safely. Beep! Beep!

Summarize this paragraph in one sentence. **Be specific and clearly explain the main idea.**

An appropriate title: _____

6. There are many types of lethal venom in the animal kingdom, but perhaps no stranger carrier than the platypus. The platypus is one of few venomous mammals. Male platypus carry a venom cocktail in their ankle spurs. This venom incapacitates victims with excruciating pain. Stranger still, the platypus is the only mammal that uses electroreception. That means that the platypus uses its bill to sense the electricity produced by the muscular movements of its prey. Electroreception is a sixth sense different from seeing, hearing, smelling, tasting, or feeling. Perhaps most odd, the platypus is the only mammal that lays eggs rather than giving birth to live young. What an odd creature indeed.

Summarize this paragraph in one sentence. **Be specific and clearly explain the main idea.**

An appropriate title: _____

7. Yellowstone National Park is mainly located in Wyoming, although three percent is located in the state of Montana. The Continental Divide of North America runs diagonally through the southwestern part of the park. The park sits on the Yellowstone Plateau, which is an average elevation of 8,000 feet above sea level. This plateau is bounded on nearly all sides by mountain ranges. There are 290 waterfalls that are at least fifteen feet in the park, the highest being the Lower Falls of the Yellowstone River, which falls 308 feet.

Summarize this paragraph in one sentence. **Be specific and clearly explain the main idea.**

An appropriate title: _____