

**8th Grade, Week 5/26-5/29**

**Due: 6/1, Return all Textbooks!! :)**

**\*\*\*\*Last day for missing work is June 1st!!!**

**Tuesday: EMAIL ME YOUR GRATITUDE VIDEOS TODAY!!**

Math- Khan Academy (22pts)

Intro to the Pythagorean theorem (video, 5pts)

Pythagorean theorem example (video, 5pts)

Pythagorean theorem intro problems (article, 5pts)

Use Pythagorean theorem to find right triangle side lengths (exercise, 7pts)

Science- Chpt 12 Practice Test

History- Read Lesson 13.1 pg 570-575, complete worksheet Civil War: The Two Sides

**Wednesday:**

Math- Khan Academy (30 pts)

Pythagorean theorem with isosceles triangle (video, 5pts)

Use pythagorean theorem to find isosceles triangle side lengths (exercise, 7pts)

Right triangle side lengths (exercise, 4pts)

Use area of squares to visualize Pythagorean theorem (exercise, 4pts)

Geometry: Quiz 2 (10 pts)

**Thursday: Virtual Meeting at 9:00am**

Math- Khan Academy (18 pts)

Use Pythagorean theorem to find area of an isosceles triangle (video, 5pts)

Use Pythagorean theorem to find perimeter (exercise, 4pts)

Use Pythagorean theorem to find area (exercise, 4pts)

Pythagorean theorem word problem: carpet (video, 5pts)

Science- Chpt 12 Test [quizizz.com/join?gc=2522471](https://quizizz.com/join?gc=2522471)

History- Read lesson 13.2 pg 576-583 Complete the reading check questions while you read

**Friday:**

Math- Khan Academy (19 pts)

Pythagorean theorem word problem: fishing boat (video, 5pts)

Pythagorean theorem word problems (exercise, 5pts)

Pythagorean theorem in 3D (video, 5pts)

Pythagorean theorem in 3D (exercise, 4pts)



## Stars and Galaxies

20 Questions

NAME : \_\_\_\_\_

CLASS : \_\_\_\_\_

DATE : \_\_\_\_\_

1. an enormous explosion that occurs when a massive star dies

\_\_\_\_\_

2. a hot, dense, slowly cooling sphere of carbon that remains when a red giant star dies

\_\_\_\_\_

3. an immense cloud of dust & gas where stars are born

\_\_\_\_\_

4. What is the life cycle of a medium sized star?

\_\_\_\_\_

5. The largest type of star is

\_\_\_\_\_

6. All of the galaxies together is \_\_\_\_\_.

\_\_\_\_\_

7. What is an exploding star?

\_\_\_\_\_

8. Elliptical, spiral, and irregular are all types of \_\_\_\_\_.

\_\_\_\_\_

9. What is the shape of an elliptical galaxy?

\_\_\_\_\_

10. What is the shape of an irregular galaxy?

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11. What happens when a medium star's life ends?

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12. What happens when a massive star's life ends?

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13.



What color of star is the hottest?

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14.



What color of star is the coolest?

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15. The color of the star tells us its

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16. After a supernova, the core can collapse into a neutron star, or if massive enough even a \_\_\_\_\_.

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17.



What determines if a star becomes a giant or a supergiant?

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18. Our galaxy is called the

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19. The Milky Way Galaxy is a

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20. The life cycles of stars are determined by their:

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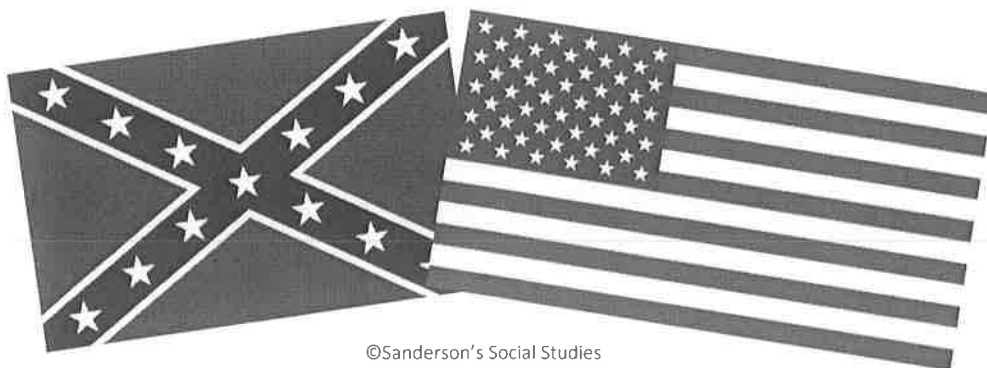
Name: \_\_\_\_\_

# Civil War: The Two Sides

For most states, choosing a side in the Civil War was easy. However, the **border states** of Delaware, Maryland, Kentucky, and Missouri were divided on the issue. Families here had ties in both the North and South. Slavery was legal here, but most did not own slaves. These states were extremely important to the Union due to their locations next to major rivers. Maryland was especially important due to its close location to Richmond, VA – the Confederate capital. Additionally, Washington D.C. was located within its borders. Abraham Lincoln was successful in keeping these states in the Union, but many border state residents did support the Confederacy.

The Civil War was more than simply a war between the states. This war put brother against brother and neighbor against neighbor. Even Abraham Lincoln's wife, Mary Todd Lincoln, had many relatives in the Confederacy. Soldiers on both sides had many reasons for enlisting in the war including motivation of patriotism and loyalty to their causes. Others served simply because they didn't want to be called a coward. Mostly people served because they wanted to experience the excitement of war. Most men were very young and hardly adults, some even younger than 14, who ran away from home or lied about their age in order to serve. During the early stages of this war, the Confederate states refused to give weapons to slaves and allow them to serve. The North also didn't allow freed people to enlist for fear the white troops wouldn't accept the African Americans. However, that changed later in the war. Each side expected an easy victory. The North knew they had more supplies and resources, but the South knew they had a greater fighting spirit and thought the north would tire out. Both sides were wrong, as the war lasted four years.

Soldiers came from every area of the nation, although most came from farms. The Confederate soldiers were called Rebels and the Union soldiers were called Yankees. The life of a soldier was not easy and they suffered terrible hardships. In letters home, soldiers described what they saw and how they felt, which ranged from boredom, discomfort, sickness, fear, and horror. Most of the time soldiers lived in camps. Camp life sometimes had happy moments of songs, stories, letters from home, and baseball games. However, camp life mainly became long periods of time between battles for drills, bad food, and rain. Although most soldiers spent a lot of their time at camp, the reality of war was never far away. New rifles used during the Civil War were more accurate than muskets from earlier wars. This caused a very high number of casualties and injuries. This terrible reality caused many soldiers to desert, or runaway, out of fear, hunger, or sickness.



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

**Directions: after reading the passage, answer the following questions**

1. Why were Border States so important to the union?
2. Why did men join the war?
3. Why did both sides expect an easy win?
4. What were Confederate soldiers called?
5. What were Union soldiers called?
6. Where did soldiers spend most of their time during the war?
7. Why did many men runaway?