

**8th Grade, Week 4/27-5/1**

**Due: 5/4**

**Monday:**

Math- Khan Academy:

Quadratic Functions and Equations: Quiz 2

Solving Quadratics by Factoring (video and article)

Quadratics by Factoring (intro) (exercise)

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

Math- Khan Academy:

Quadratics by Factoring: leading coefficient not equal to 1 (video)

Quadratics by Factoring (exercise)

Solving Quadratics using structure (video and exercise)

Science- Test Review, Fill out study guide

History- Lesson 11.3 Read pgs 490-497, complete Taking Sides Worksheet

**Wednesday:**

Math- Khan Academy

Quadratic Equation word problems: triangle dimensions (video)

Quadratic Equation word problems: box dimensions (video)

Solving Quadratics by factoring review (article)

The Quadratic Formula (video)

Understanding the Quadratic Formula (article)

Worked Example: quadratic formula (example 2) (video)

**Thursday:** Virtual meeting at 9:00 am. Bring all your questions.

Math- Khan Academy

Worked Example: quadratic formula (negative coefficients) (video)

Quadratic Formula (exercise)

Using the Quadratic Formula: number of solutions (video)

Number of Solutions of Quadratic Equations (exercise)

Proof of the Quadratic Formula (video)

Science- Complete Chpt 11 Test [quizizz.com/join?gc=959240](https://quizizz.com/join?gc=959240)

History- Read Lesson 11.4 pgs 500-506, complete the reading strategy on a piece of paper (not your notebook) and turn it in with your work for the week.

**Friday:**

Math- Khan Academy:

Proof of the Quadratic Formula Review (article)

Discriminant Review (article)

Quadratic Formula Proof Review (article)

Quadratic Functions and Equations: Quiz 3



## Solar System chpt 11 (8th grade)

20 Questions

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

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

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

1. What is the difference between the inner planets and the outer planets?

\_\_\_\_\_

2. Venus is called Earth's twin because they are about the same size

\_\_\_\_\_

3. The gas giants are different from the terrestrial planets because they

\_\_\_\_\_

4. The inner planets are called terrestrial planets because they are composed of

\_\_\_\_\_

5. One factor that makes life possible on Earth is

\_\_\_\_\_

6. Which planet is tipped on its side nearly 90 degrees?

\_\_\_\_\_

7. Which planet has a giant red spot?

\_\_\_\_\_

8. Which planet has very prominent rings?

\_\_\_\_\_

9. What celestial body is made of ice and cosmic dust?

\_\_\_\_\_

10. Which planet is the largest?

---

11. Put the planets in order from the sun.

---

12. What is similar about all of the inner planets?

---

13. Which direction do all of the planets go around the sun?

---

14. Between which two planets is the asteroid belt located?

---

15. Which planet rotates on its side?

---

16. Why is Venus's atmosphere yellow?

---

17. The time it takes a planet to move completely around the sun is called the planet's

---

18. Kepler discovered all of the following except

---

19. Jupiter is approximately how many astronomical units (AU) from the sun

---

20. In a solar eclipse, what occurs

---

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

## Taking Sides within the U.S. Government

**Look at the quotes below by James A. Polk and Abraham Lincoln regarding U.S. military action in Mexico and the ensuing declaration of war. Polk makes the argument that Mexico has ignored US attempts at peace and initiated the current war. Lincoln questions how much blame we should place on Mexico.**

*... "In the meantime we have tried every effort at reconciliation. The cup of forbearance had been exhausted even before the recent information from the frontier of the Del Norte [Rio Grande]. But now, after reiterated menaces, Mexico has passed the boundary of the United States, has invaded our territory and shed American blood upon the American soil. She has proclaimed that hostilities have commenced, and that the two nations are now at war."*

-President James A. Polk

*... "whether our citizens, whose blood was shed, as in [Polk's] message declared, were or were not, at that time, armed officers and soldiers, send into that settlement by the military order of the President."*

-Representative Abraham Lincoln

