The background of the image is a solid blue color with a repeating geometric pattern. The pattern consists of interlocking shapes that resemble stylized circles or diamonds, creating a tessellated effect. The text is centered in the middle of this pattern.

**Math  
Monday  
10/31/16**

# Happy Halloween!



**1) Your test will be on Thursday! For homework, you'll need to complete your study guide. We'll go over your study guide Tuesday.**

**2) Today in class, you'll work on some practice problems to review.**

## Answer Key

Station 1:

Station 2:

Station 3:

Station 4:

Station 5:

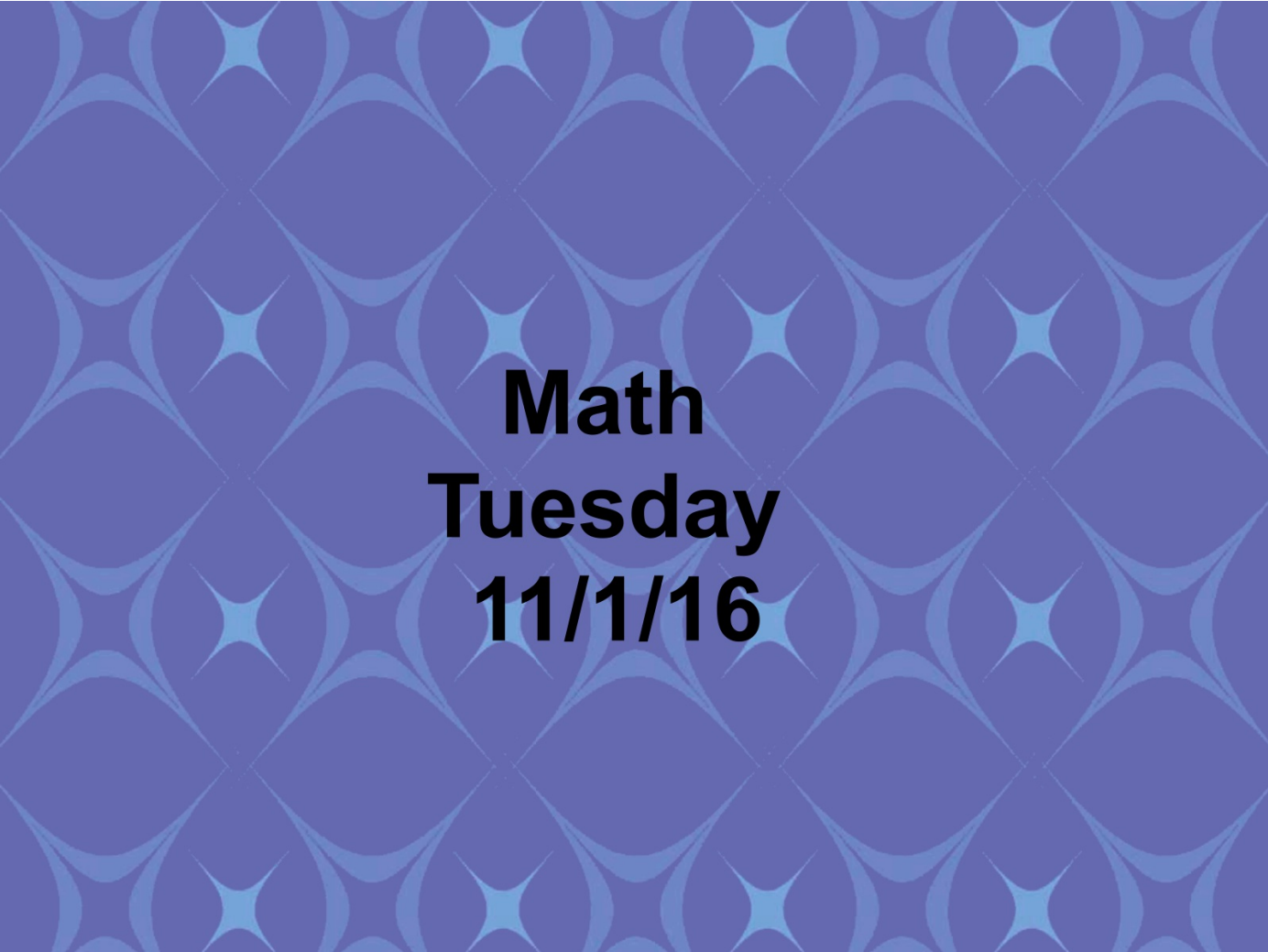
Station 6:

Station 7:

Station 8:

Station 9:

Station 10:

The background of the slide is a solid blue color with a repeating geometric pattern. The pattern consists of overlapping circles and arcs that create a series of four-pointed star shapes and diamond-like voids. The text is centered on this pattern.

**Math**  
**Tuesday**  
**11/1/16**

**Happy November!**



**Today we will be going  
over your study guide!**

- 1) Be able to convert fractions to decimals and percents to fractions

For example:

Convert  $\frac{4}{5}$  into a decimal and a percent

Convert 65% into a decimal and a fraction

- 2) Be able to find the Lowest Common Multiple and the Greatest Common Factor of two numbers

For example:

Find the GCF and LCM

16, 32

Find the GCF and LCM

24, 3

- 3) Be able to convert an improper fraction to a mixed number, and a mixed number into an improper fraction. Be able to reduce fractions.

For example:

$3\frac{4}{5}$

$\frac{24}{3}$



4) Be able to add fractions. Convert all answers to mixed numbers and lowest terms, if needed.

For example:

$$\frac{4}{5} + \frac{2}{3} =$$

$$\frac{1}{5} + \frac{3}{5} =$$

5) Be able to subtract fractions

For example:

$$\frac{2}{3} - \frac{1}{3} =$$

$$\frac{4}{5} - \frac{1}{3} =$$

6) Be able to multiply fractions

For example

$$\frac{6}{7} \times \frac{1}{2} =$$

$$\frac{5}{6} \times \frac{4}{5} =$$

7) Be able to divide fractions

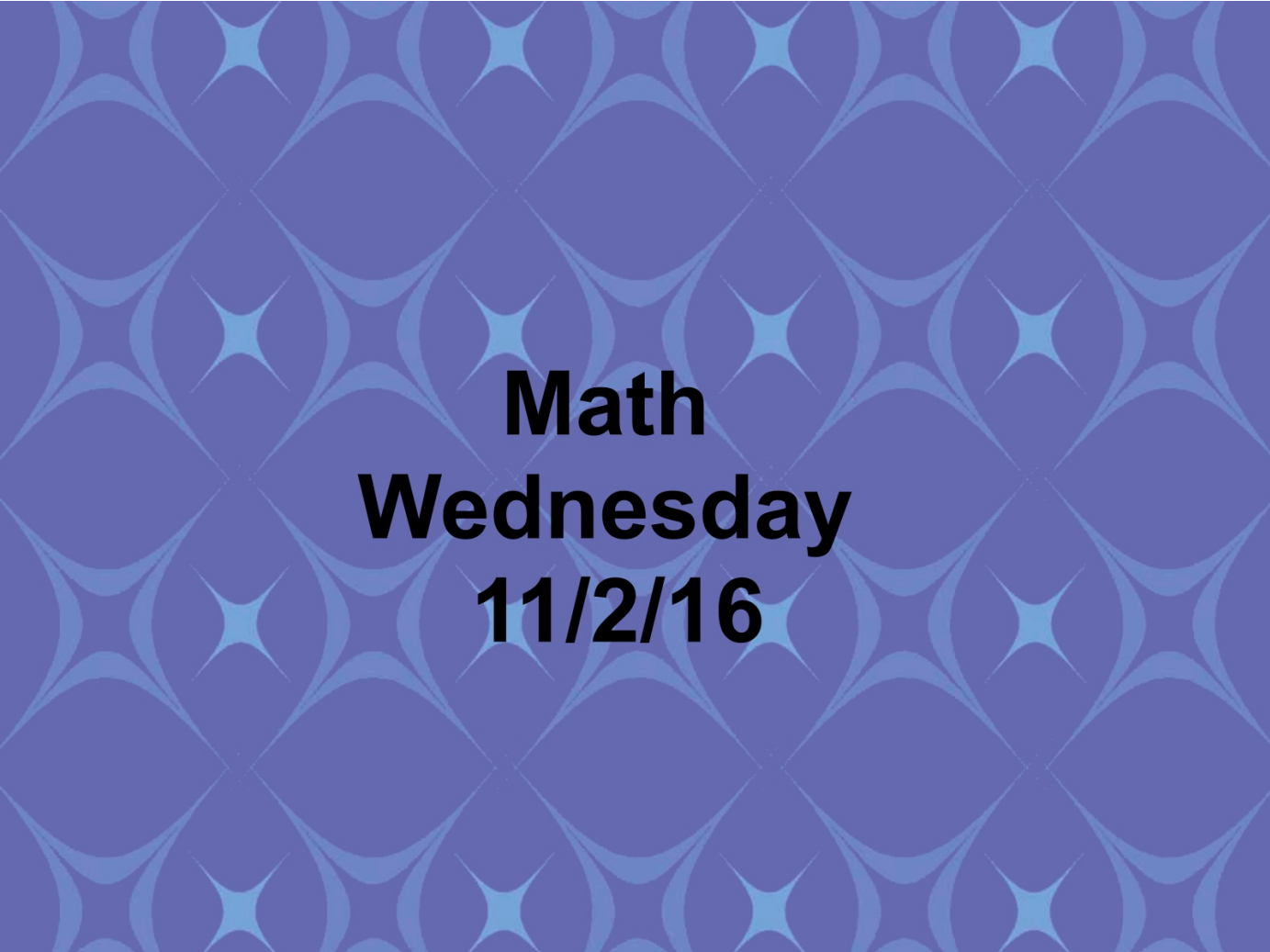
For example

$$\frac{1}{3} \text{ divided by } 2 =$$

$$\frac{4}{5} \text{ divided by } \frac{1}{6} =$$

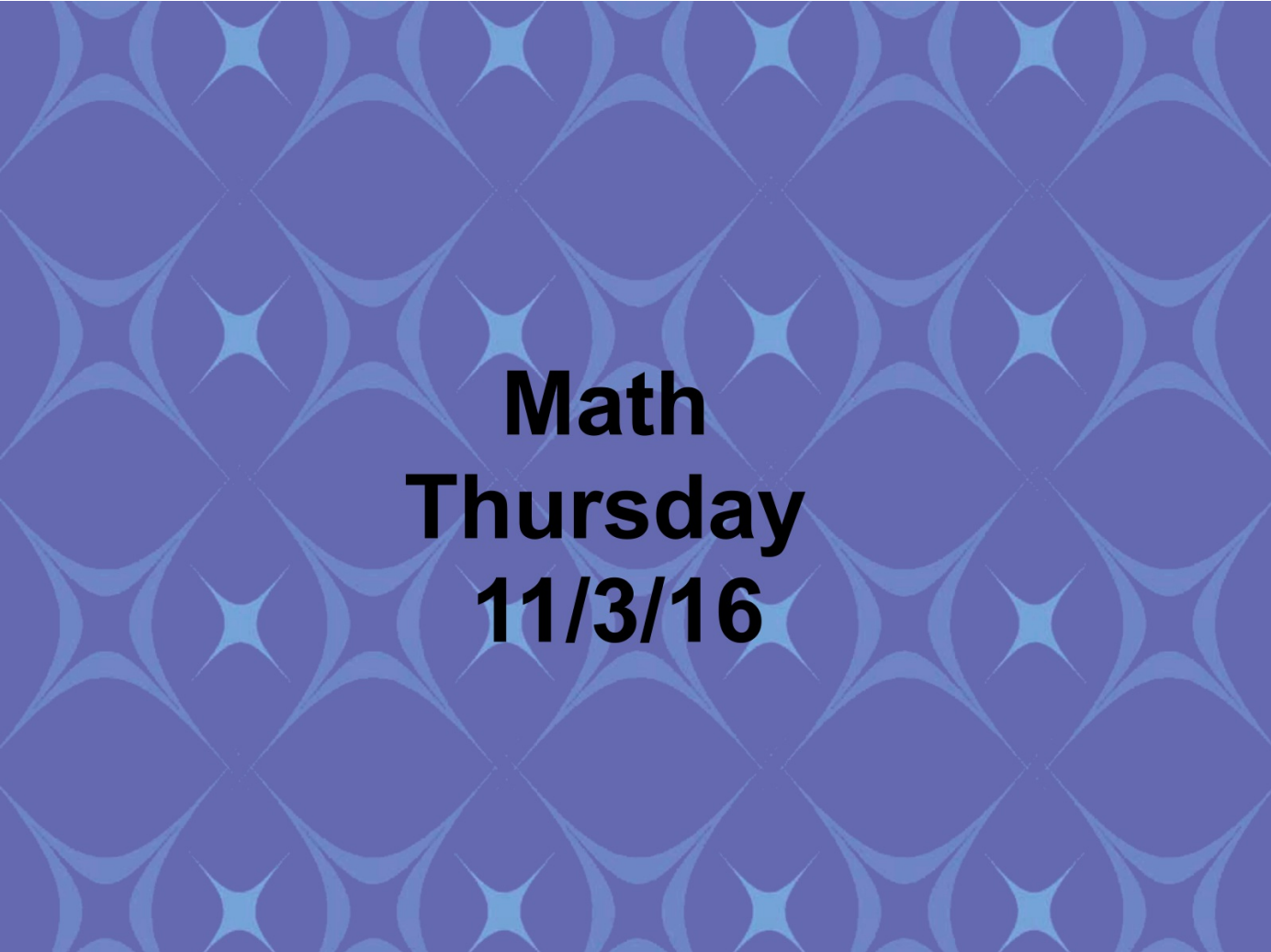
8) In addition, be able to solve any of the word problems on classwork, homework, or quizzes!  
Especially Quizzes!!!!!! (HINT HINT)

---

The background of the slide is a solid blue color with a repeating geometric pattern. The pattern consists of overlapping circles and arcs that create a series of four-pointed star shapes and diamond-like voids. The colors are in shades of blue, with the stars being a lighter blue and the background being a darker blue.

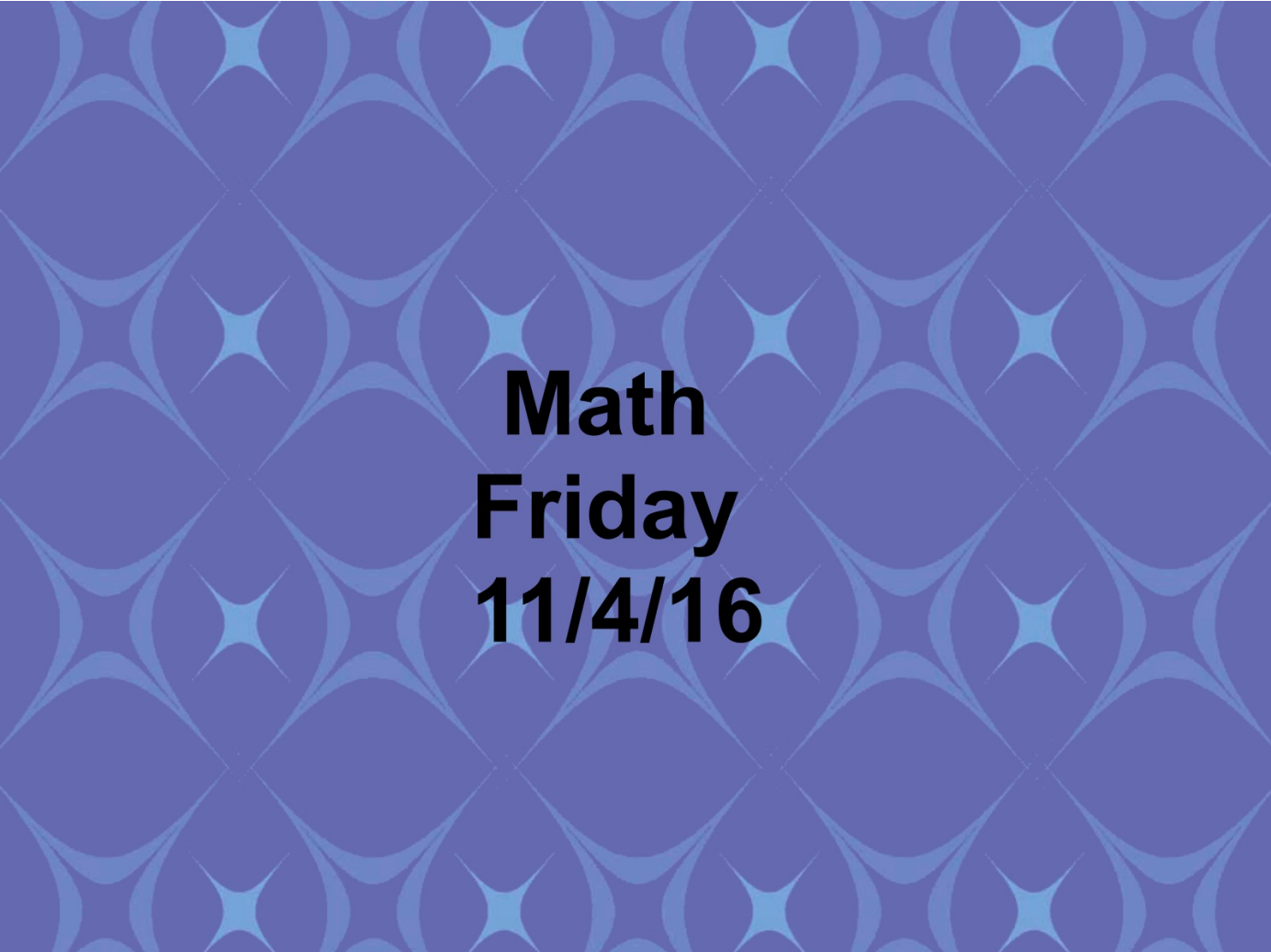
**Math  
Wednesday  
11/2/16**

**Today, you'll be playing jeopardy to help you prepare for your test!**

The background of the slide is a solid blue color with a repeating geometric pattern. The pattern consists of overlapping circles and arcs that create a series of four-pointed star shapes and diamond-like voids. The colors are in shades of blue, with the stars being a lighter blue and the background being a darker blue.

**Math**  
**Thursday**  
**11/3/16**

**Test day! Take out your study guide and clear your desk!**

The background of the slide is a solid blue color with a repeating geometric pattern. The pattern consists of interlocking shapes that resemble stylized circles or diamonds, creating a tessellated effect. The text is centered on this background.

**Math  
Friday  
11/4/16**

# You'll Need Your Notebook!

- Today we are starting Unit 3.
- You'll need your Math notebook to take notes.
- What is in the unit?
  - Working with the number line
  - absolute Value
  - Coordinate planes



# The Unit

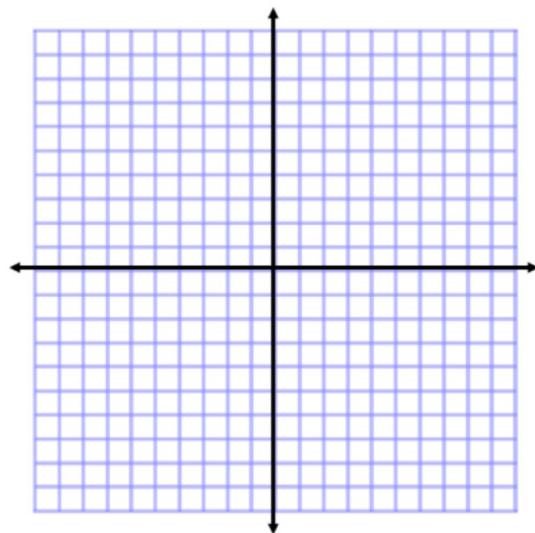
- The unit begins with a number line.
- However, we are going to skip to the fun stuff, and add a 2nd number line to the first one.
- This creates a plane.

# Basics

- The basics: Draw a dot on your paper.
  - This is a point.
  - Draw a second point.
    - Now connect the two. You have a line.
    - Draw a second line intersecting the first.
      - Now you have a plane. In mathematics, a plane is a flat, two-dimensional surface.
      - If you added a second plane, you would have a 3D space.
  - Back to coordinate planes.....

# Coordinate Planes

- The horizontal line (like the horizon) is the x-axis
- The vertical line is the Y-axis.
- By using points on the grid, we can give specific locations called points.
- Specific points are always listed in the format  $(x, y)$
- Lets take a second and map out the quadrants, and the signs of each quadrant.



# Coordinate Planes

- Lets practice identifying a few points.

