

**Bright Futures Academy**

**Middle School Math Remote Learning Assignments/Expectations**

**Dennard**

**It is very important that you utilize Jupiter Ed and Class Dojo to communicate any concerns. I will be using Class Dojo for incentives to keep the students motivated and engaged:)**

1. **I-Ready** - 45-90 minutes each week. Work on Teacher Assigned Lessons. If you complete those lessons then work on your Pathway Assignments determined by your Diagnostic. Parents, reach out to me about your child's diagnostic results.
2. **Khan Academy** - At least 60 minutes each day. Assignments are listed in order. Make sure the practice lessons are completed. If you complete the assigned lessons, then work on the Grade Level Course Mastery Program.
3. **IXL.COM** (optional)- At least 60 minutes per week. Students can select the lessons they would like to work on. I have made recommendations. Check Jupiter Ed or Class Dojo for your username and password.

**It is my recommendation that each student keep a journal/notebook for ALL online lessons:)**

4. **Class Dojo** - Each Grade Level will receive 1 Portfolio Assignment each week to respond to. It may involve MathAntics, AnthonyMashUp, Khan Academy, or Math Is Fun activities. It may also include work from the assigned packets.
5. **Jupiter Ed** - Each Grade Level will receive 1 Forum Assignment to respond to. It will include a video to watch and respond to.
6. **Quizizz** - I will be online with quizizz.com @ 1 pm.
  - a. Tuesdays - 6th Grade
  - b. Wednesdays - 7th Grade
  - c. Thursdays - 8th Grade
7. **Kahoot** - I will assign 1 Kahoot Activity each week. I will send the link. Log in to kahoot.com and use the code. It will be due by Friday
8. **GimKit** - I will assign 1 GimKit Activity each week. I will send the link. Log in to gimkit.com and use the code. It will be due by Friday.

Packets will be available online @ <https://www.brightfuturesacademy.com/>

**Grade Level Packets:**

6th Grade - Week 2 - Fraction Operations(

Review.

7th Grade - Week 2 - Expressions and Equations Review.

8th Grade - Week 2 - Transformations Review.

**I have provided a cheat sheet for you to use:)**

# Are You Ready?

## Review

- To add integers with the same sign, add the absolute value of each number. The sum has the sign of the integers.
- To add integers with different signs, find the difference of their absolute values. The sum has the sign of the integer with the greater absolute value.

### Example 1

Find  $-22 + (-33)$ .

$$-22 + (-33) = -55 \quad |-22| + |-33| = 55$$

The sum is negative because both integers are negative.

### Example 2

Find  $-41 + 20$ .

$$-41 + 20 = -21 \quad |-41| - |20| = 21$$

The sum is negative because  $|-41| > |20|$ .

### Exercises

Add the integers with the same sign.

1.  $147 + 13$

1. \_\_\_\_\_

2.  $-55 + (-31)$

2. \_\_\_\_\_

3.  $18 + 71$

3. \_\_\_\_\_

Add the integers with different signs.

4.  $-14 + 21$

4. \_\_\_\_\_

5.  $12 + (-56)$

5. \_\_\_\_\_

6.  $-4 + 18$

6. \_\_\_\_\_

Add the integers.

7.  $-31 + (-17)$

7. \_\_\_\_\_

8.  $72 + (-22)$

8. \_\_\_\_\_

9.  $47 + 23$

9. \_\_\_\_\_

# Are You Ready?

## Practice

Add.

1.  $2 + (-8)$
2.  $-4 + 3$
3.  $-3 + (-10)$
4.  $-5 + 10$
5.  $-2 + (-9)$
6.  $0 + (-1)$
7.  $-8 + 4$
8.  $6 + (-1)$
9.  $7 + (-11)$
10.  $1 + (-9)$
11. Graph triangle  $EFG$  with vertices  $E(2, 4)$  and  $F(-2, 4)$  and a height of 4 units. Write the coordinates of the missing vertices.

12. Graph square  $JKLM$  with vertices  $J(0, 6)$  and  $K(6, 6)$  and side lengths of 6 units. Write the coordinates of the missing vertices.

13. Graph rectangle  $ABCD$  with vertices  $A(-2, 0)$  and  $B(-2, 4)$  and side lengths of 4 units and 6 units. Write the coordinates of the missing vertices.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

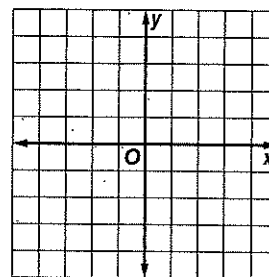
7. \_\_\_\_\_

8. \_\_\_\_\_

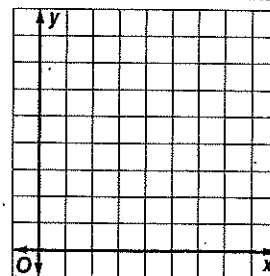
9. \_\_\_\_\_

10. \_\_\_\_\_

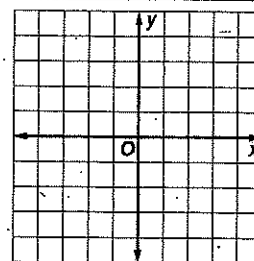
11. \_\_\_\_\_



12. \_\_\_\_\_



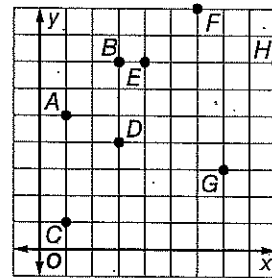
13. \_\_\_\_\_



# Are You Ready?

## Apply

**INTERIOR DESIGN** Rudell is designing his kitchen. He wants to place the appliances in his kitchen on a coordinate grid to see how they will look.



<p>1. Two corners of a square stove are located at <math>(1, 5)</math> and <math>(3, 7)</math>. Graph the figure and find the missing vertices if the side length is 2 units.</p>	<p>2. Two corners of a rectangular refrigerator are located at <math>(1, 1)</math> and <math>(3, 4)</math>. Graph the figure and find the missing vertices if the side length is 3 units.</p>
<p>3. Two corners of a square dishwasher are located at <math>(4, 7)</math> and <math>(6, 9)</math>. Graph the figure and find the missing vertices if the side length is 2 units.</p>	<p>4. Two corners of a rectangular cabinet are located at <math>(7, 3)</math> and <math>(9, 7)</math>. Graph the figure and find the missing vertices if the side length is 4 units.</p>

Khan Academy Notes

Unit \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

Topic \_\_\_\_\_

Questions you may have????????????????

