

# Grade 6 Mathematics

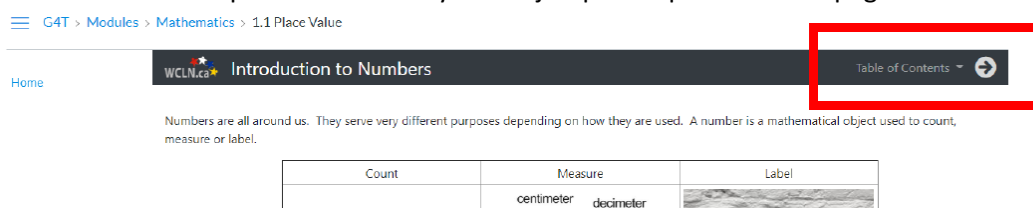
Week of February 8 – February 12

## Lesson 5.3: Cartesian Coordinates

### Lesson Materials

- Lessons for Section [5.3 Cartesian Coordinates](#)
- Learning Guide (This PDF)

Use the link above to open the lessons for this section. Remember: on the lesson page, use the arrow next to the “Table of Contents” at the **top of the page** to move through the lessons. You can also click on the Table of Contents to open the menu so you can jump to a specific lesson page.



Work through the online lessons for this section. You can work at your own pace or follow the suggested schedule below. Complete the activities in your Learning Guide as you work through the lessons. You can print the Learning Guide, or, copy out the questions on a separate piece of paper. Be sure to try the games and practice quizzes as you make your way through the online lesson book.

### Suggested Lesson Schedule

<p><b>Monday</b></p> <ul style="list-style-type: none"><li>• Coordinate Plane</li><li>• LG 5.3 p. 5, #1-2</li></ul> <p><b>Tuesday</b></p> <ul style="list-style-type: none"><li>• Plotting Points</li><li>• Practice with Terms</li><li>• LG p. 5-6, #3-4</li></ul>	<p><b>Wednesday</b></p> <ul style="list-style-type: none"><li>• Practice Plotting</li><li>• Examples</li><li>• LG p. 6, #5</li></ul> <p><b>Thursday</b></p> <ul style="list-style-type: none"><li>• River Riding</li></ul> <p><b>Friday</b></p> <ul style="list-style-type: none"><li>• Create your own image and write the coordinates to recreate it</li></ul>
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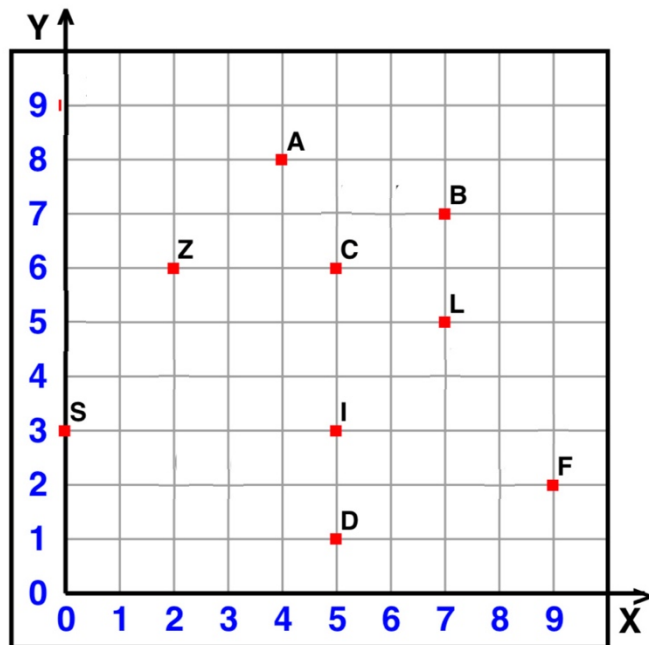
5.3 CARTESIAN COORDINATES

1. Draw a Cartesian Plane with x-axis values from 0 to 10 and y-axis values from 0 to 10.  
Use a ruler or straight edge to keep your work neat.



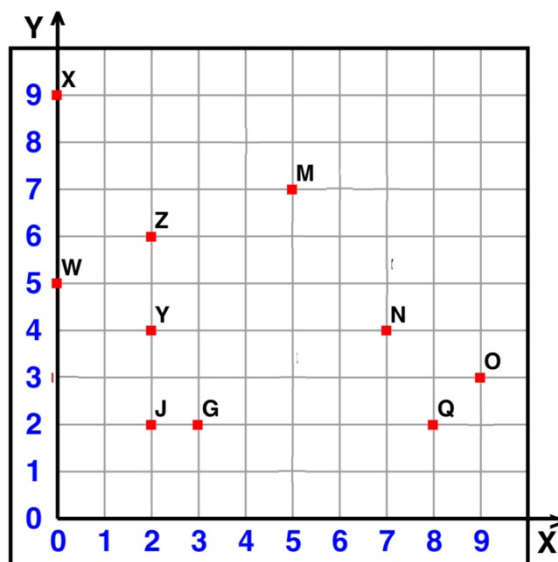
2. Insert labels in your Cartesian Plane above for the *x-axis*, *y-axis*, and *origin*.
3. Match each point with the correct coordinates.

- 1) (7,7)   B
- 2) (7,5) \_\_\_\_\_
- 3) (5,1) \_\_\_\_\_
- 4) (4,8) \_\_\_\_\_
- 5) (9,2) \_\_\_\_\_
- 6) (0,3) \_\_\_\_\_
- 7) (5,3) \_\_\_\_\_
- 8) (6,5) \_\_\_\_\_
- 9) (2,6) \_\_\_\_\_



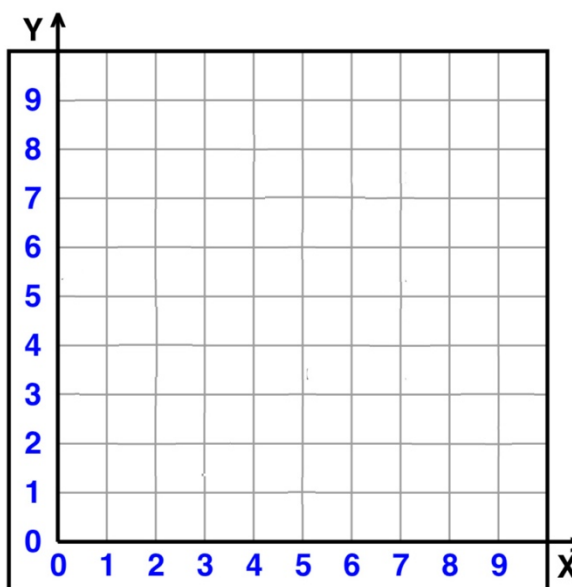
4. Write out the coordinates for each point. *Reminder: The first coordinate in the ordered pair is the value of the x-axis. Always count along the x-axis first to get your first number.*

- M (5, 7)
- X \_\_\_\_\_
- G \_\_\_\_\_
- J \_\_\_\_\_
- N \_\_\_\_\_
- O \_\_\_\_\_
- W \_\_\_\_\_
- Z \_\_\_\_\_
- Q \_\_\_\_\_
- Y \_\_\_\_\_



5. Plot and label the points onto the Cartesian Plane.

- A (2, 7)
- B (5, 1)
- C (4, 3)
- D (0, 0)
- E (5, 6)
- F (0, 7)
- G (3, 2)
- H (1, 8)



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

# River Riding

NOTE: In each section, do NOT connect the last point back to first point.

**(X, Y)**

- (0, 1)
- (2, 3)
- (4, 3)
- (3, 2)
- (4, 1)



- (24, 17)
- (24, 18)
- (23, 19)
- (22, 19)
- (21, 18)
- (21, 17)
- (22, 16)
- (23, 16)
- (24, 17)



- (14, 11)
- (14, 18)
- (21, 6)
- (17, 6)



- (12, 1)
- (14, 3)
- (16, 3)
- (15, 2)
- (16, 1)



**(X, Y)**

- (4, 17)
- (5, 16)
- (6, 17)



- (8, 5)
- (9, 19)



- (20, 1)
- (22, 3)
- (24, 3)
- (23, 2)
- (24, 1)
- (25, 2)



- (7, 3)
- (3, 5)
- (23, 5)
- (22, 3)



**(X, Y)**

- (3, 18)
- (2, 17)
- (1, 18)



- (14, 5)
- (14, 6)



- (12, 1)
- (11, 2)
- (12, 3)
- (10, 3)
- (8, 1)
- (7, 2)
- (8, 3)
- (6, 3)
- (4, 1)



**(X, Y)**

- (9, 5)
- (9, 19)
- (17, 6)
- (9, 6)



- (2, 16)
- (3, 15)
- (4, 16)



- (20, 1)
- (19, 2)
- (20, 3)
- (18, 3)
- (16, 1)



Now color your picture

# River Riding

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

