

## حل تدريبات الدروس الثلاثة الأولى من الوحدة 13 منهج ريفيل



### تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ← المناهج الإماراتية ← الصف الخامس ← رياضيات ← الفصل الثالث ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 14:06:09 2025-05-14

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل  
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي | للمدرس

المزيد من مادة  
رياضيات:

إعداد: Ibrahim Mohamed

### التواصل الاجتماعي بحسب الصف الخامس



صفحة المناهج  
الإماراتية على  
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

### المزيد من الملفات بحسب الصف الخامس والمادة رياضيات في الفصل الثالث

أسئلة الاختبار التكويني الأول بدون الحل

1

أسئلة اختبار منتصف الفصل منهج ريفيل

2

أسئلة الاختبار التكويني الأول أصحاب الهمم بدون الحل

3

أوراق عمل أصحاب الهمم بدون الحل

4

حلول أوراق عمل مراجعة الوحدة 11 منهج ريفيل

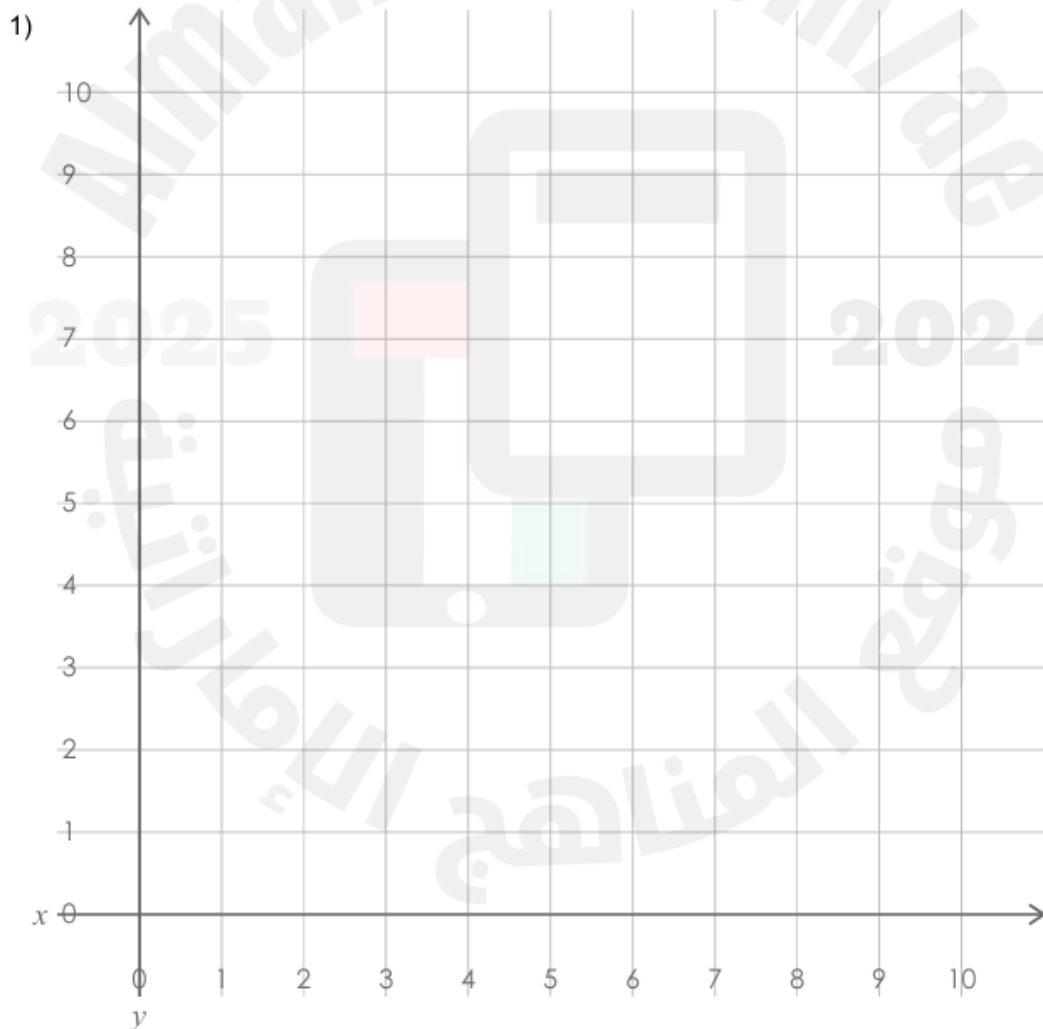
5

# Unit 13 – L 1

Lesson 13-1

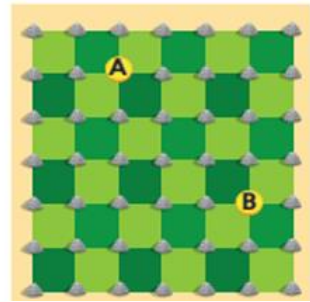
## Understand the Coordinate Plane

Book Page: 197

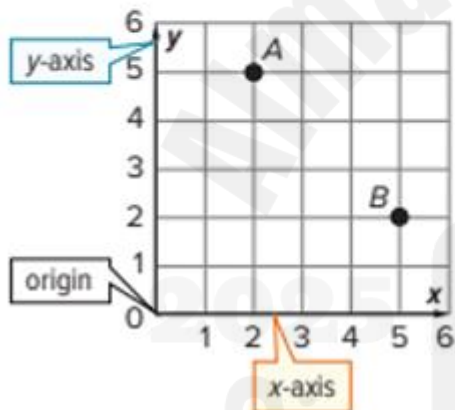


How can you describe the locations of  $A$  and  $B$ ?

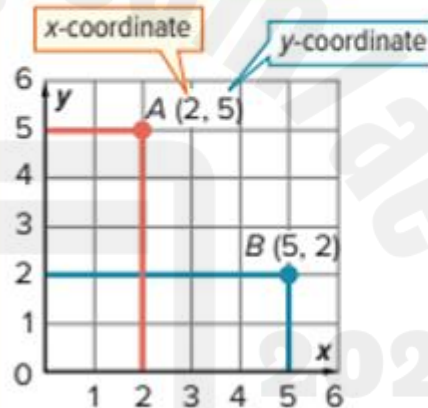
You can use the **coordinate** plane to describe the locations of  $A$  and  $B$ .



The coordinate plane has a horizontal number line called the **x-axis** and a vertical number line called the **y-axis**. The two lines intersect at the **origin**.



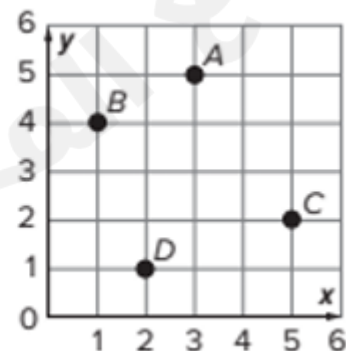
An **ordered pair** describes each point on the coordinate plane. An ordered pair has an **x-coordinate** and a **y-coordinate**.



Math is... Explaining

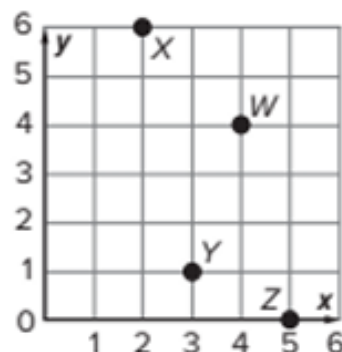
## Work Together

What ordered pairs describe points  $A$ ,  $B$ ,  $C$ , and  $D$ ?



Use the coordinate plane to answer exercises 1–7.

1. What ordered pair describes point  $W$ ?



2. What ordered pair describes point  $X$ ?

3. What ordered pair describes point  $Y$ ?

4. What ordered pair describes point  $Z$ ?

5. What ordered pair describes the origin?

6. How did you find the x-coordinate for each ordered pair?

7. How did you find the y-coordinate for each ordered pair?

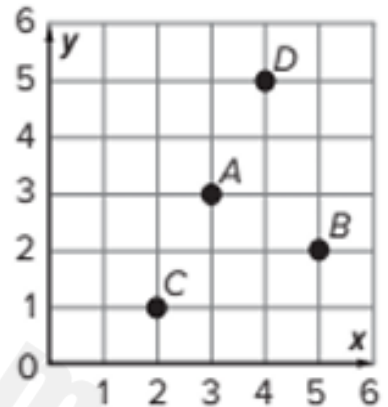


Charlie gave his friends these locations for a scavenger hunt. What are the ordered pairs that describe the locations on the coordinate plane?

8. Point A

9. Point B

10. Point C



11. **Error Analysis** Charlie tells his friends that point D is at (5, 4). His friends go to the wrong spot. Explain why.

2025

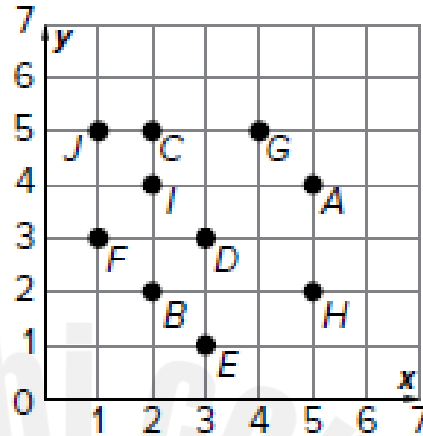
2024



## Practice U13 L1

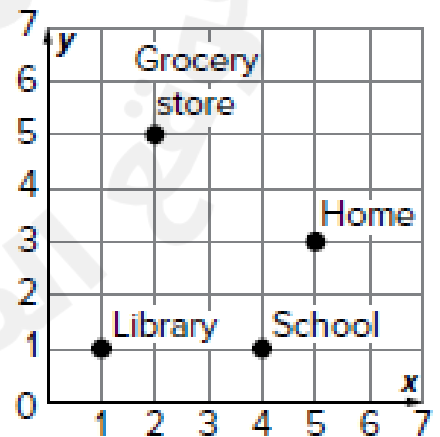
What is the ordered pair that represents the point on the coordinate plane?

7. A \_\_\_\_\_
8. B \_\_\_\_\_
9. C \_\_\_\_\_
10. D \_\_\_\_\_
11. E \_\_\_\_\_
12. F \_\_\_\_\_
13. G \_\_\_\_\_
14. H \_\_\_\_\_
15. I \_\_\_\_\_
16. J \_\_\_\_\_



Conrad uses a coordinate plane to represent locations around his town. What is the ordered pair that represents each location?

17. Home \_\_\_\_\_
18. School \_\_\_\_\_
19. Grocery Store \_\_\_\_\_
20. Library \_\_\_\_\_

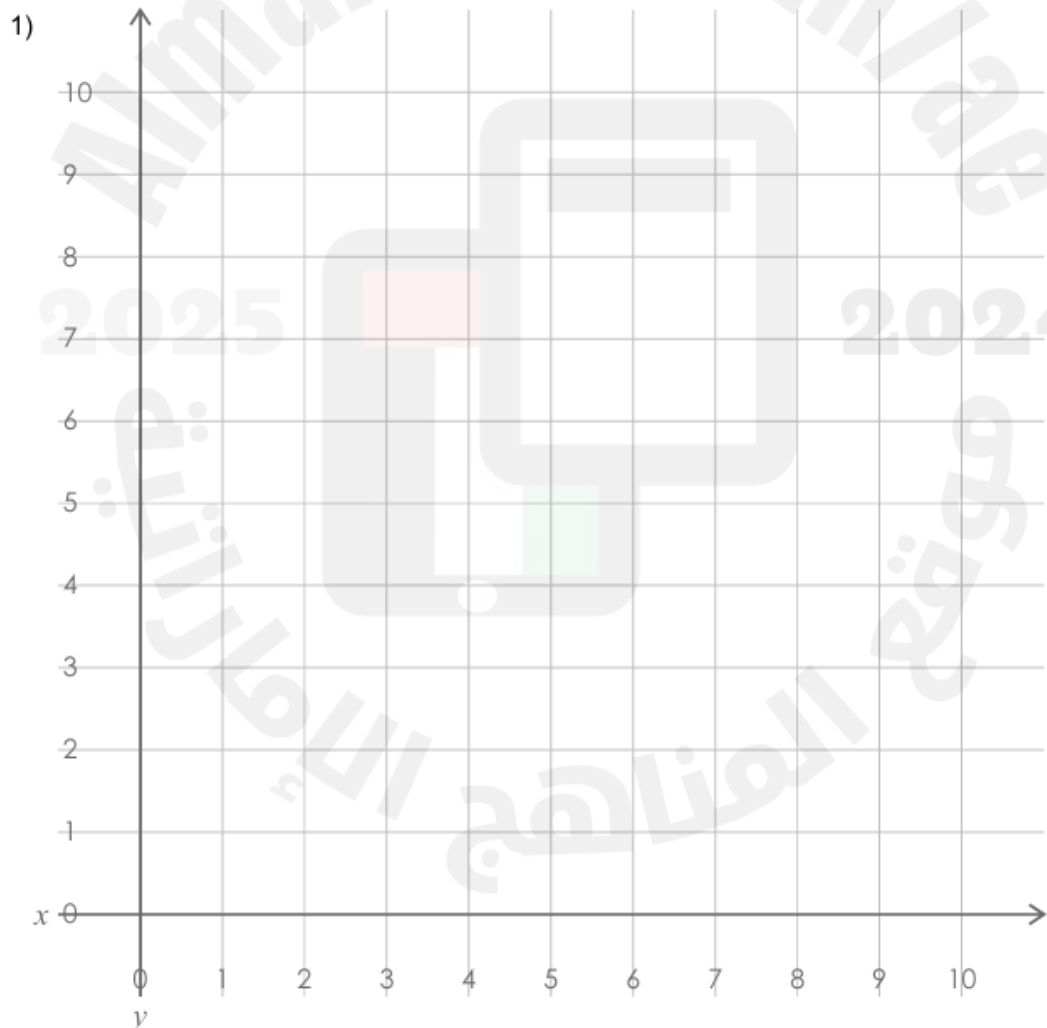


# Unit 13 – L 2

Lesson 13-2

## Plot Ordered Pairs on the Coordinate Plane

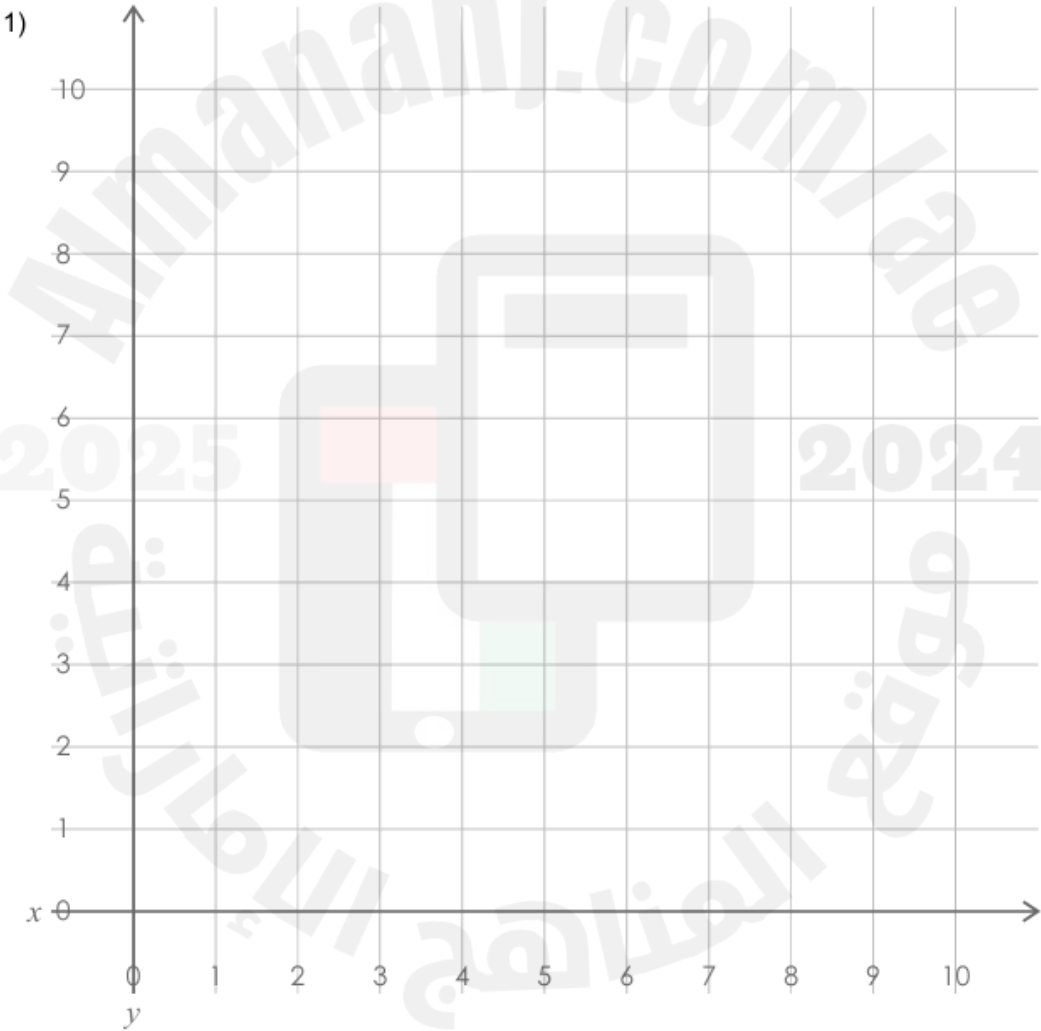
Book Page: 201



Learn

How can you determine the location of Sam's House and School on a coordinate plane?

Place	Ordered Pair
Sam's House	(2, 1)
School	(5, 5)
Park	(2, 5)
Jeremy's House	(5, 1)





Plot and label the point for each place shown in the table.

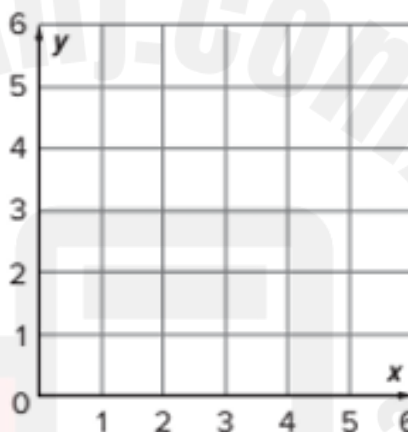
Place	Ordered Pair
Playground	(4, 6)
Post Office	(1, 2)
Fire Station	(5, 3)
Jill's House	(2, 4)

1. Playground

2. Post Offi

3. Fire Station

4. Jill's House



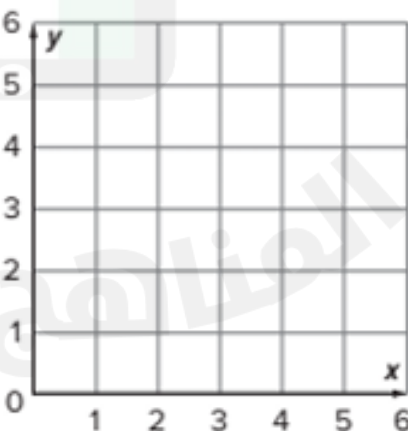
Plot and label the point for each ordered pair.

5.  $M(3, 2)$

6.  $N(4, 3)$

7.  $P(5, 4)$

8.  $Q(1, 5)$



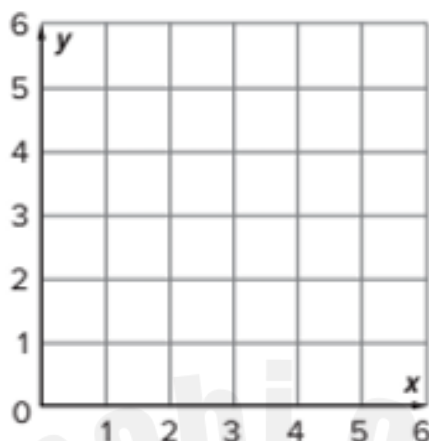
Plot and label the point for each ordered pair.

9.  $R(0, 0)$

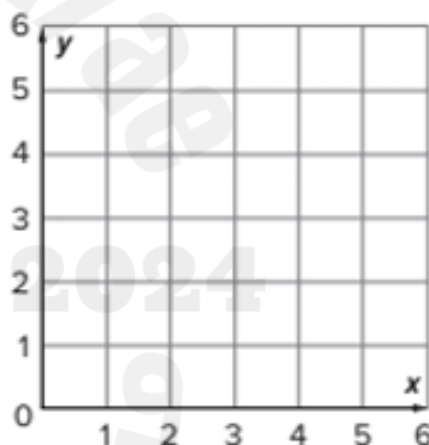
10.  $S(4, 0)$

11.  $T(0, 6)$

12.  $U(3, 5)$



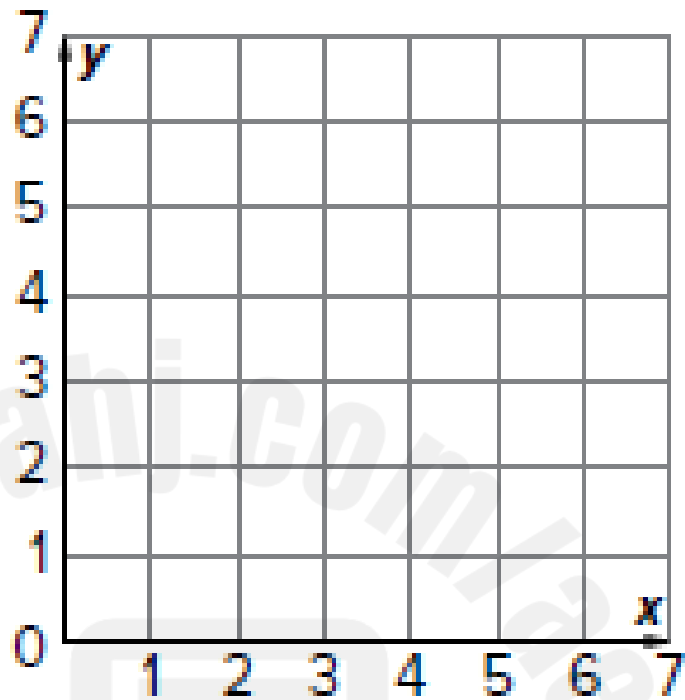
13. **Extend Your Thinking** Plot the points  $(1, 3)$ ,  $(1, 6)$ ,  $(5, 6)$ , and  $(5, 3)$ . Draw a line to connect the points in the order in which you plotted them. What is the length and width of the shape?



## Practice U13 L2

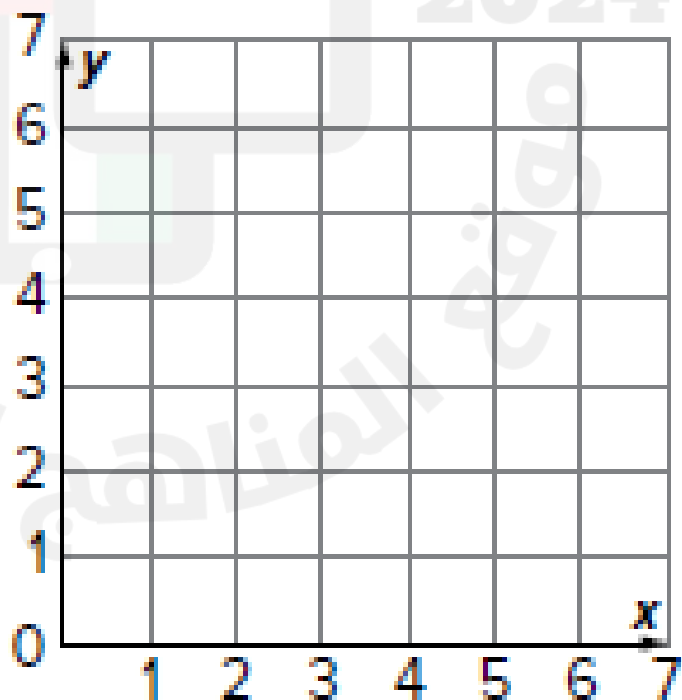
Plot the point for each ordered pair. Label with the given letter.

1. A (5, 3)
2. B (4, 1)
3. C (2, 5)
4. D (1, 2)
5. E (4, 5)
6. F (5, 2)
7. G (1, 4)
8. H (3, 4)
9. I (2, 1)
10. J (3, 3)



Plot and label the point for each of the following positions.

11. Catcher (0, 0)
12. Second Base (5, 3)
13. Pitcher (3, 3)
14. Shortstop (2, 4)
15. First Base (5, 1)
16. Third Base (1, 4)



# Unit 13 – L 3

Lesson 13-3

## Represent Problems on a Coordinate Plane

Book Page: 205

### Learn

Aliyah is at the 30th floor of a building. While waiting for the elevator, she collected the data shown in the table.

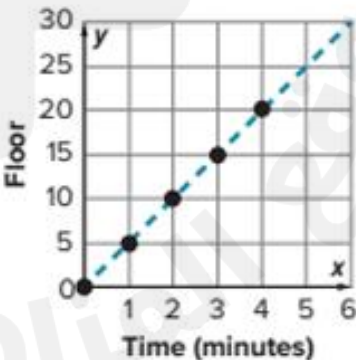
How many minutes will it take the elevator to reach Aliyah's floor?

Time (min)	Floor
0	0
1	5
2	10
3	15
4	20

You can write the times and corresponding location of the elevator as ordered pairs.

Ordered Pair
(0, 0)
(1, 5)
(2, 10)
(3, 15)
(4, 20)

Then, plot the ordered pairs on the coordinate plane. Draw a line to show the pattern.



It will take 6 minutes for the elevator to reach Aliyah's floor.

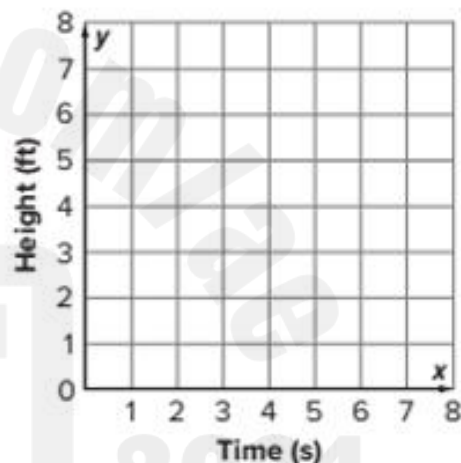
Math is... Modeling

How does plotting points

1. The table shows the time it took for a fifth-grade student to go down the slid at a park and their height from the ground while going down the slide. Write the time and corresponding heights as ordered pairs.

Time (seconds)	Height (feet)
0	7
1	5
2	4
3	3
4	2
5	1

2. Plot and connect the points on a coordinate plane.



3. How tall is the slide?

4. How long does it take for the student to go down the slide?

5. What happens between 0 seconds and 1 second?

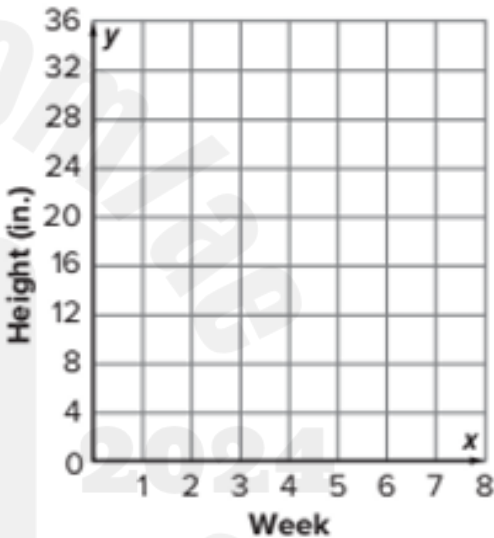
6. Where is the student after 5 seconds?



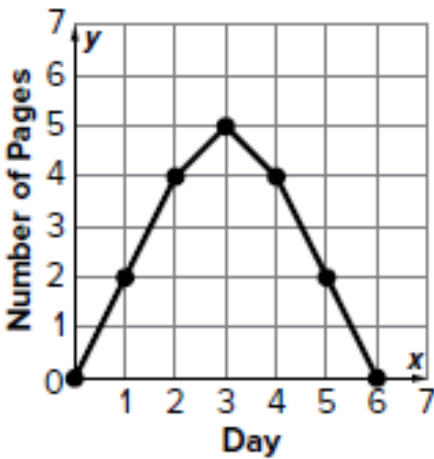
7. **STEM Connection** Poppy measures the height of a plant over several weeks and records it in the table. The plant is 14 inches tall before she begins recording. Write the weeks and corresponding heights as ordered pairs.

Week	Height (inches)
1	16
2	20
3	22
4	22
5	28
6	32

8. Plot and connect the points on the coordinate plane.
9. How much does the plant grow between Weeks 1 and 2?
10. What happens between Weeks 3 and 4?
11. How much does the plant grow between before Poppy begins recording and Week 6?



Practice U13 L3



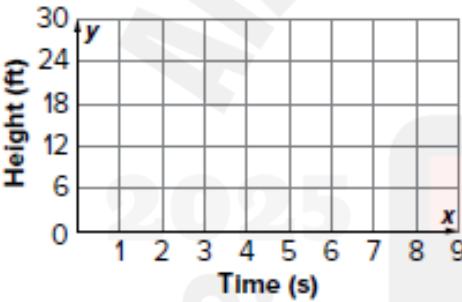
Use the graph above for questions 1–3.

- 1. How many pages did Connie read on Day 2? \_\_\_\_\_ pages
- 2. On which day(s) did Connie read 2 pages? Day(s)
- 3. What does the point (6, 0) mean?

Will flies a drone in his yard. An app on his phone records the time the drone is in the air and its height. The table shows the results.

Drone Height	
Time (s)	Height (ft)
0	6
1	12
2	18
3	24
4	24
5	18
6	12
7	6
8	0

- 4. Plot the points on the coordinate grid to represent the height of the drone for each number of seconds that it is in the air. Then connect the points.



- 5. From what height does the drone take off? \_\_\_\_\_ feet
- 6. How high was the drone at 3 seconds? \_\_\_\_\_ feet
- 7. What does the point (7, 6) mean?
- 8. What was the drone doing between 3 seconds and 4 seconds after it took off?