	ne:Period: Date: lidpoint and Distance in the Coordinate Plane Bell Work	
1. C	Complete the following statements.	
а.	A midpoint of a segment is a point that divides the segment into segment	nts.
b.	The hypotenuse of a right triangle is always across from	
с.	If a and b are the lengths of the legs of a right triangle, and c is the lengths of the hypotenuse, $c^2=$	then:
2. V	Which of the following is correct?	
э.	The distance between two points is always positive.	
b.	The coordinate plane contains four quadrants.	
С.	The horizontal number line in coordinate plane is the y-axis.	
Иu	ltiple Choices	
3. T	The origin in coordinate plane has a coordinates:	
э.	(2,0)	
o.	(0, -2)	
c.	(5,-5)	
d.	(0 , 0)	
1. T	he vertical number line in coordinate plane is:	
э.	y-axis	
) .	x-axis	
: .	z-axis	
d.	origin	
5. T	he Pythagorean Theorem can be used for:	
э.	obtuse triangle	
) .	acute triangle	
c.	right triangle	
d.	any triangle	

Midpoint and Distance in the Coordinate Plane Bell Work

ANSWERS

- 1. Complete the following statements.
- a. A midpoint of a segment is a point that divides the segment into two congruent segments.
- b. The hypotenuse of a right triangle is always across from the right angle.
- c. If a and b are the lengths of the legs of a right triangle, and c is the lengths of the hypotenuse, then: $c^2 = a^2 + b^2$
- 2. Which of the following is correct?
- a. The distance between two points is always positive.

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b. The coordinate plane contains four quadrants.

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c. The horizontal number line in coordinate plane is the y-axis.

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Multiple Choices

- 3. The origin in coordinate plane has a coordinates:
- $\mathbf{a.} \qquad (2,0)$
- **b.** (0,-2)
- c. (5, -5)
- d. (0,0)
- 4. The vertical number line in coordinate plane is:
- a. y-axis
- b. x-axis
- c. z-axis
- d. origin
- 5. The Pythagorean Theorem can be used for:
- a. obtuse triangle
- b. acute triangle
- c. right triangle
- d. any triangle