

## MAT.06.TE.1.000NS.D.173 C1 TD

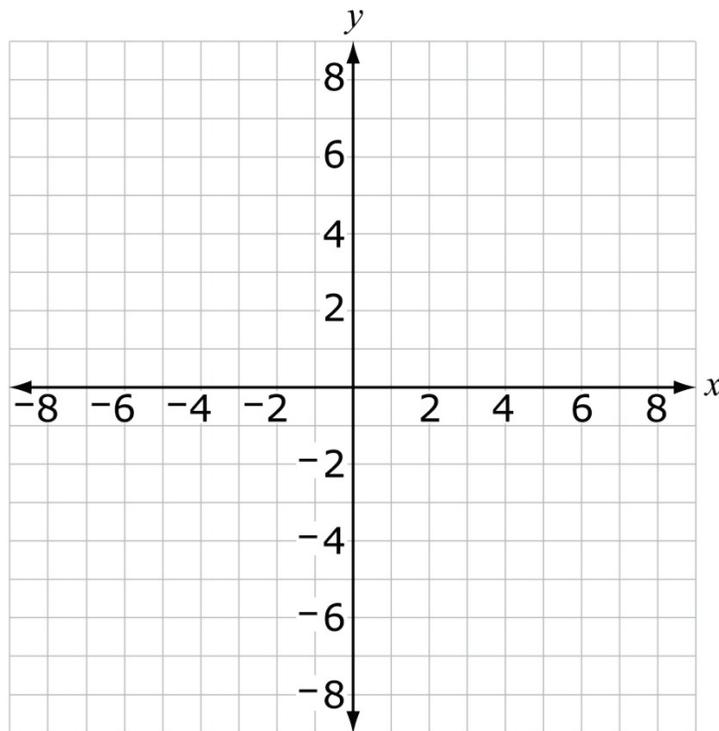
Sample Item ID:	MAT.06.TE.1.000NS.D.173
Grade:	06
Primary Claim:	<b>Claim 1: Concepts and Procedures</b> Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.
Secondary Claim(s):	
Primary Content Domain:	The Number System
Secondary Content Domain(s):	
Assessment Target(s):	1 D: Apply and extend previous understandings of numbers to the system of rational numbers.
Standard(s):	6.NS.6
Mathematical Practice(s):	1, 2, 5
DOK:	2
Item Type:	TE
Score Points:	3
Difficulty:	M
Key:	See Sample Top-Score Response.
Stimulus/Source:	
Target-Specific Attributes (e.g., accessibility issues):	It will be a challenge to assess blind or low-vision students, or students with limited motor skills with regard to plotting points in a coordinate plane.
Notes:	TEI Template: Plotting Points

The coordinates of point  $P$  are  $(-6, 5)$ . Point  $R$  is a reflection of point  $P$  across the  $x$ -axis.

The coordinates of point  $Q$  are  $(-1, 0)$ . Point  $T$  is a reflection of point  $Q$  across the  $y$ -axis.

**Part A**

Plot and label points  $P$ ,  $Q$ ,  $R$ , and  $T$  on the coordinate plane.

**Part B**

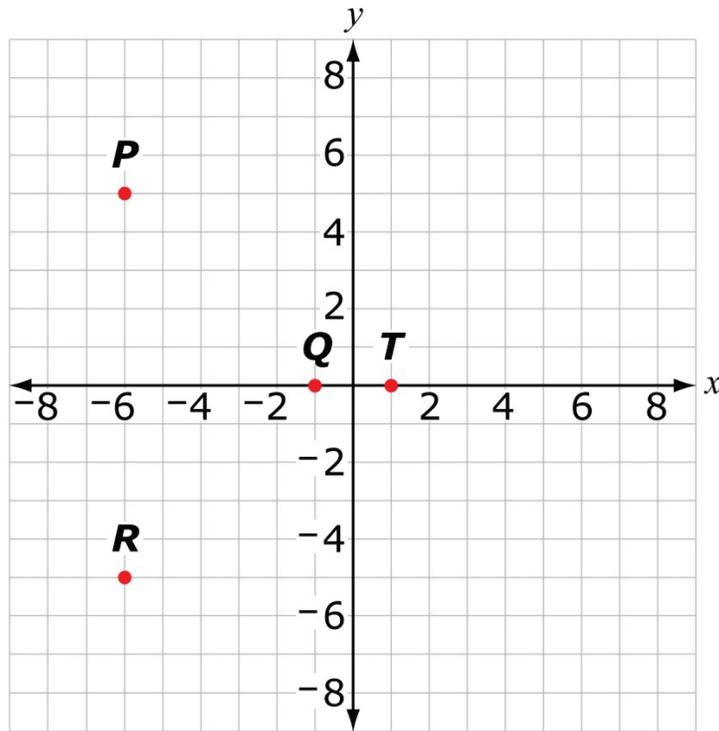
The coordinates of point  $V$  are  $(7, 4)$ . Point  $W$  is a reflection of point  $V$  across the  $x$ -axis.

In which quadrant will point  $W$  be located?

- (A) I
- (B) II
- (C) III
- (D) IV

*Sample Top-Score Response:*

*Part A*



*Part B*

Quadrant IV

*Scoring Rubric:*

Part A 1 point for correctly plotting points P and R.  
1 point for correctly plotting points Q and T.

Part B 1 point for correctly choosing D; Quadrant IV.