

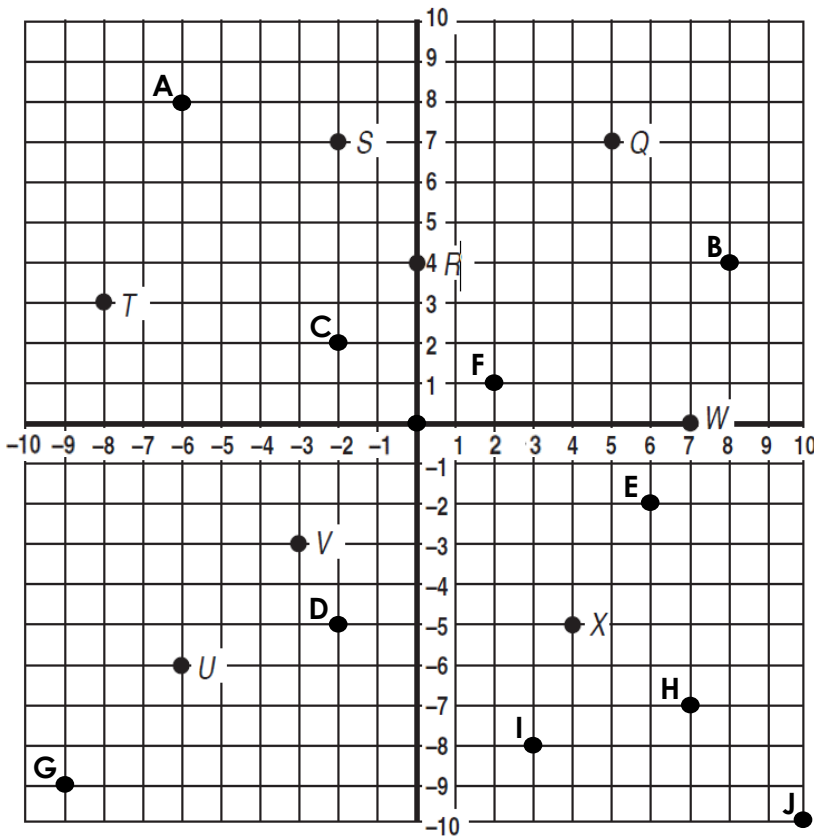
Math 6 - Unit 7: Rational Explorations

Finding Points on the Coordinate Plane HW

Name: _____

Class Period: 1 2 3 4 Date: _____

Use the coordinate grid to answer the questions.



Write the ordered pair and quadrant location for each coordinate.

- 1) **R** (,) Quadrant _____
- 2) **T** (,) Quadrant _____
- 3) **U** (,) Quadrant _____
- 4) **W** (,) Quadrant _____
- 5) **V** (,) Quadrant _____
- 6) **Q** (,) Quadrant _____
- 7) **S** (,) Quadrant _____
- 8) **X** (,) Quadrant _____

Name the point located at each ordered pair and tell the quadrant where it is located.

- | | |
|---------------------------------|----------------------------------|
| 1) _____ (-2,2) Quadrant _____ | 2) _____ (10,-10) Quadrant _____ |
| 3) _____ (2,1) Quadrant _____ | 4) _____ (8,4) Quadrant _____ |
| 5) _____ (7,-7) Quadrant _____ | 6) _____ (-6,8) Quadrant _____ |
| 7) _____ (-2,-5) Quadrant _____ | 8) _____ (-9,-9) Quadrant _____ |
| 9) _____ (6,-2) Quadrant _____ | 10) _____ (3,-8) Quadrant _____ |

Flashback Problems

Find the LCM and GCF

72 and 54

$$2.3 \overline{)5.06}$$

$$\begin{array}{r} 3263 \\ \times 43 \\ \hline \end{array}$$

Math 6 - Unit 7: Rational Explorations

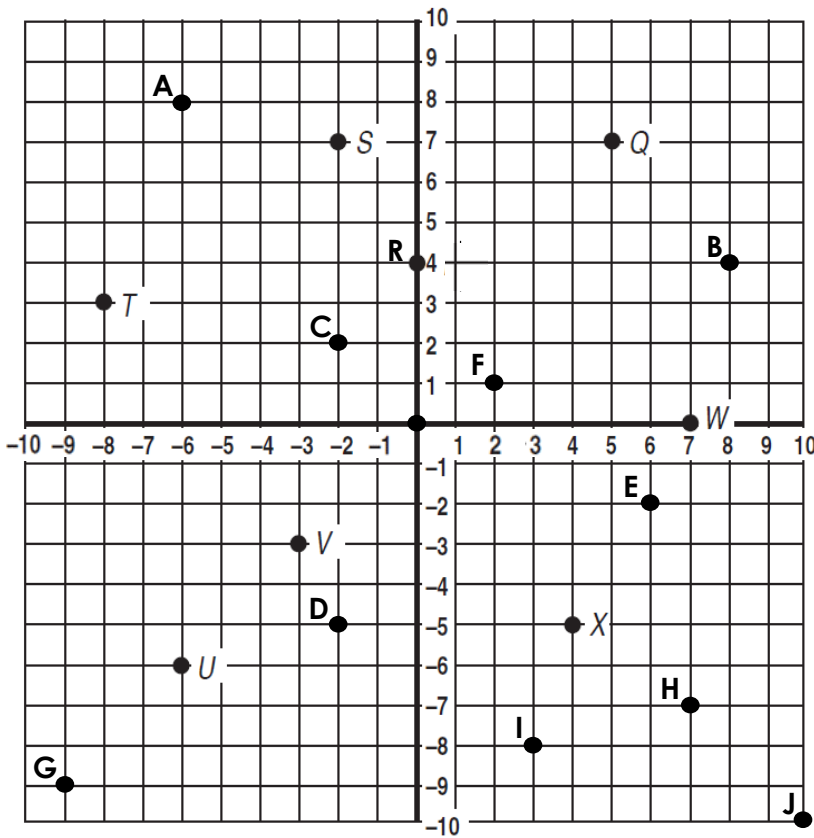
Finding Points on the Coordinate Plane Practice

ANSWER KEY

Name: _____

Class Period: 1 2 3 4 Date: _____

Use the coordinate grid to answer the questions.



Write the ordered pair and quadrant location for each coordinate.

- 1) **R** (0, 4) Quadrant **None y-axis**
- 2) **T** (-8, 3) Quadrant **II**
- 3) **U** (-6, -6) Quadrant **III**
- 4) **W** (0, 7) Quadrant **None x-axis**
- 5) **V** (-3, -3) Quadrant **III**
- 6) **Q** (5, 7) Quadrant **I**
- 7) **S** (-2, 7) Quadrant **II**
- 8) **X** (4, -5) Quadrant **IV**

Name the point located at each ordered pair and tell the quadrant where it is located.

- | | |
|--|--|
| 1) C (-2,2) Quadrant II | 2) J (10,-10) Quadrant IV |
| 3) F (2,1) Quadrant I | 4) B (8,4) Quadrant I |
| 5) H (7,-7) Quadrant IV | 6) A (-6,8) Quadrant II |
| 7) D (-2,-5) Quadrant III | 8) G (-9,-9) Quadrant III |
| 9) E (6,-2) Quadrant IV | 10) I (3,-8) Quadrant IV |

Flashback Problems

Find the LCM and GCF **GCF: 18**

72 and 54 **LCM: 216**

$$2.2 \quad 2.3 \overline{)5.06}$$

$$\begin{array}{r} 3263 \\ \times 43 \\ \hline 140,309 \end{array}$$

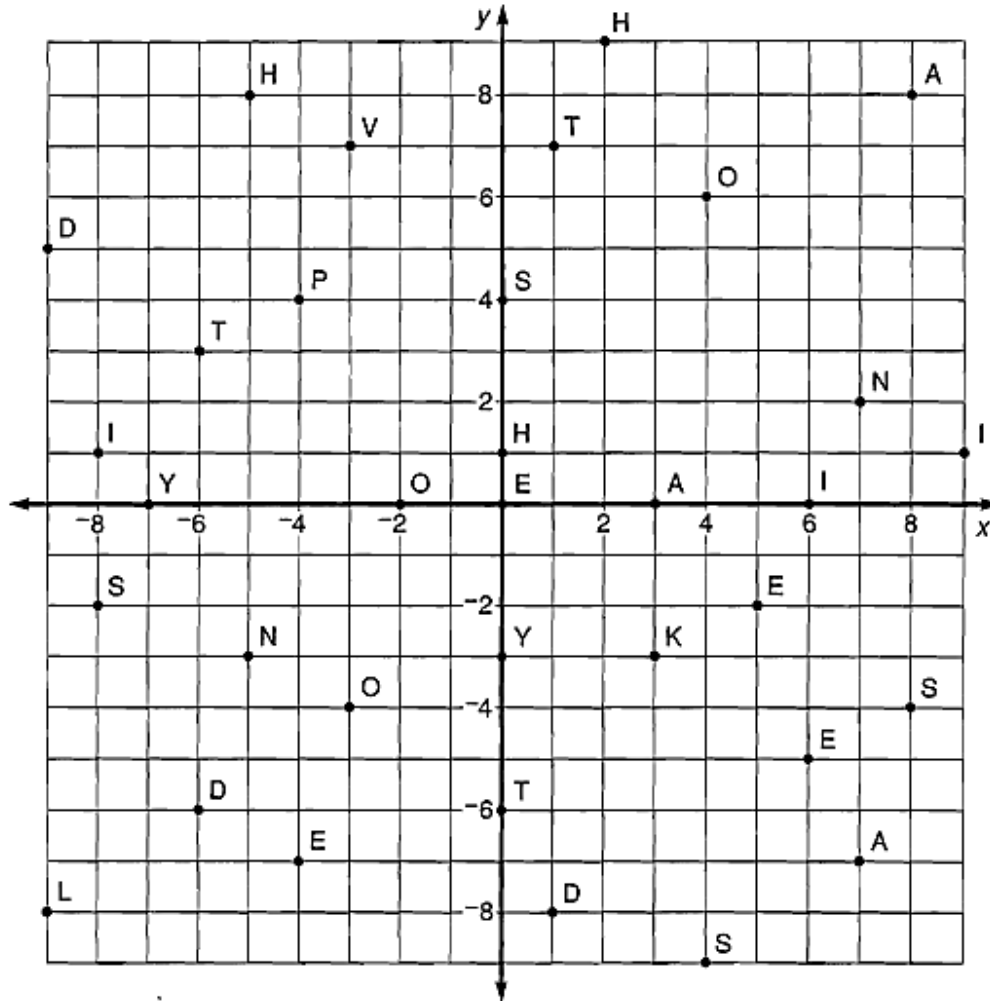
Math 6 - Unit 7: Rational Explorations

Finding Points on the Coordinate Plane HW

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Each ordered pair at the bottom of the page represents a point on the coordinate plane below. Above each ordered pair, write the letter that appears at that point to answer the question, "Why is a mother kangaroo unhappy when it rains?"



$(4,6)$ $(7,2)$ $(-6,3)$ $(-5,8)$ $(-3,-4)$ $(-8,-2)$ $(6,-5)$ $(1,-8)$ $(3,0)$ $(-7,0)$ $(0,4)$

$(0,-6)$ $(2,9)$ $(-4,-7)$ $(3,-3)$ $(-8,1)$ $(-6,-6)$ $(4,-9)$ $(0,1)$ $(8,8)$ $(-3,7)$ $(5,-2)$

$(1,7)$ $(-2,0)$ $(-4,4)$ $(-9,-8)$ $(7,-7)$ $(0,-3)$ $(9,1)$ $(-5,-3)$ $(8,-4)$ $(6,0)$ $(-9,5)$ $(0,0)$