

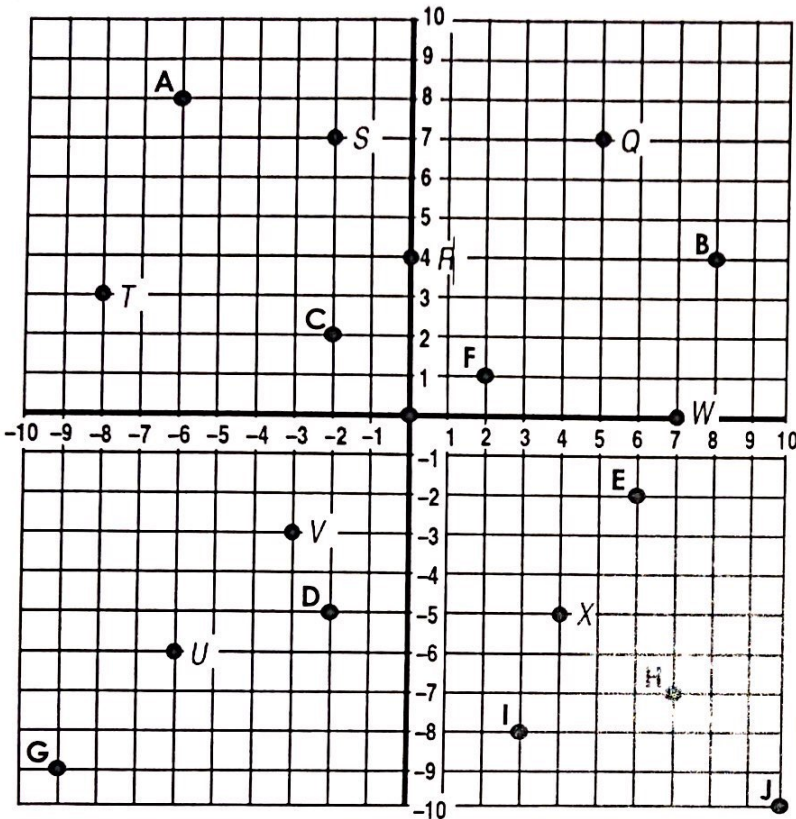
Math 6 - Unit 7: Rational Explorations

Finding Points on the Coordinate Plane HW

Name: KEY

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 y-axis
- 2) T (-8 , 3) Quadrant II
- 3) U (-6 , -6) Quadrant III
- 4) W (7 , 0) Quadrant 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) <u>C</u> (-2,2) Quadrant <u>II</u> | 2) <u>J</u> (10,-10) Quadrant <u>IV</u> |
| 3) <u>F</u> (2,1) Quadrant <u>I</u> | 4) <u>B</u> (8,4) Quadrant <u>I</u> |
| 5) <u>H</u> (7,-7) Quadrant <u>IV</u> | 6) <u>A</u> (-6,8) Quadrant <u>II</u> |
| 7) <u>D</u> (-2,-5) Quadrant <u>III</u> | 8) <u>G</u> (-9,-9) Quadrant <u>III</u> |
| 9) <u>E</u> (6,-2) Quadrant <u>IV</u> | 10) <u>I</u> (3,-8) Quadrant <u>IV</u> |

Flashback Problems

Find the LCM and GCF

72 and 54

$$\begin{array}{r} 2 \overline{)72} \quad 54 \\ \underline{36} \quad 27 \\ 36 \quad 9 \\ \underline{36} \quad 0 \\ 0 \end{array}$$

GCF = 2 · 3 · 3 = 18

LCM = 2 · 3 · 3 · 4 · 3 = 216

$$\begin{array}{r} 2.2 \\ 2.3 \overline{)5.06} \\ \underline{46} \\ 46 \\ \underline{46} \\ 0 \end{array}$$

$$\begin{array}{r} 1 2 1 \\ 3263 \\ \times 43 \\ \hline 9789 \\ 130620 \\ \hline 140309 \end{array}$$