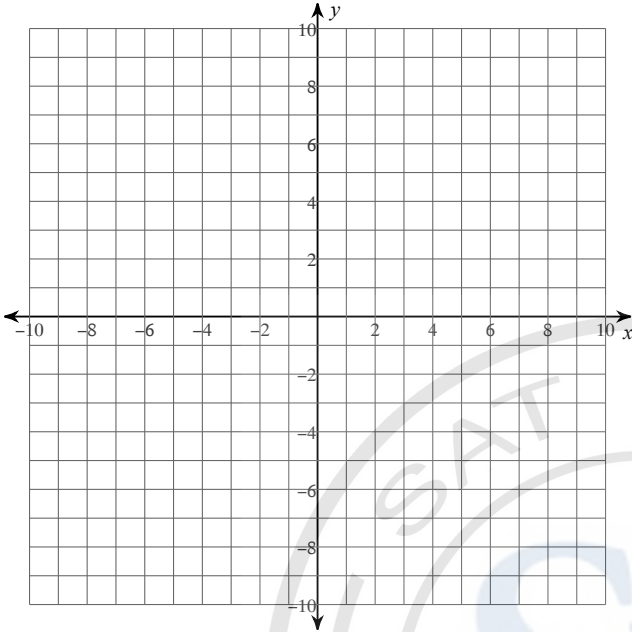


Assignment: Identifying location of points

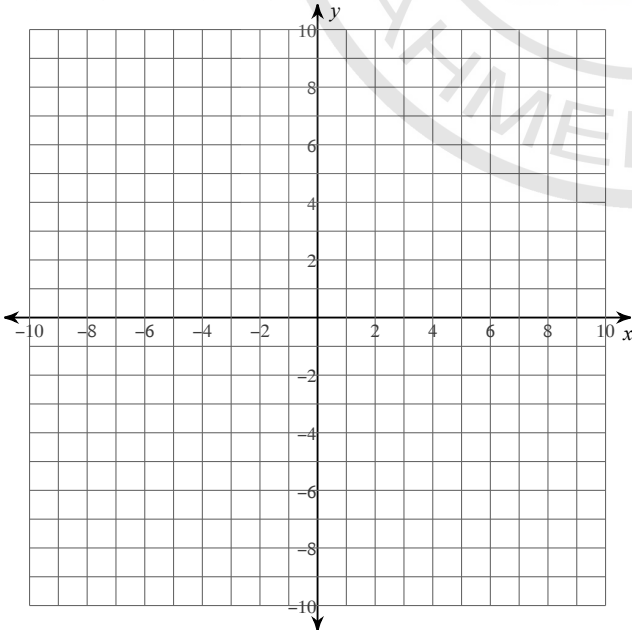
Date _____

State the quadrant or axis that each point lies in.

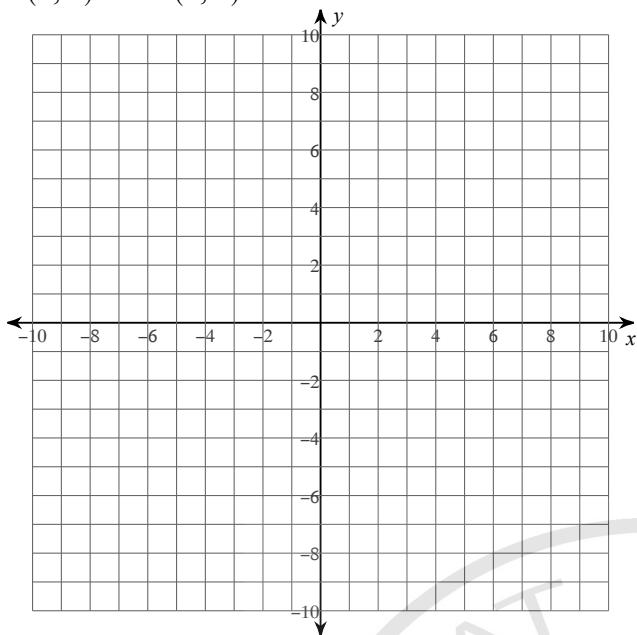
- 1) $I(10, -8)$ $H(8, 10)$ $G(-4, 4)$
 $F(7, -7)$ $E(4, -1)$



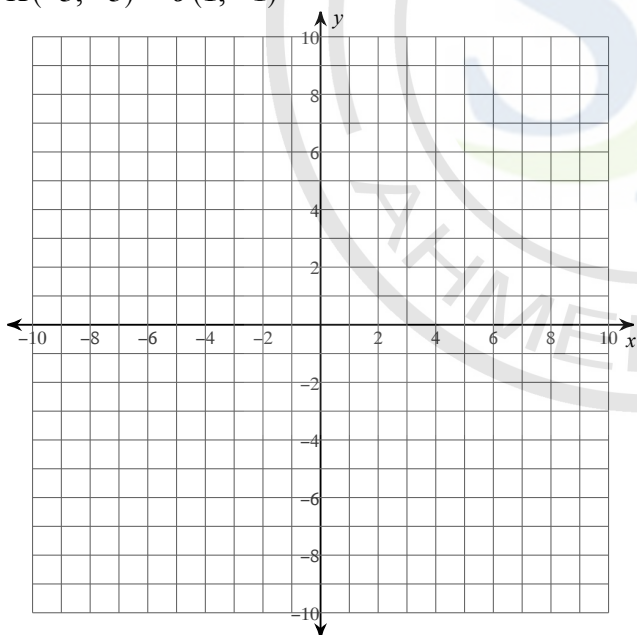
- 2) $S(-10, 4)$ $T(5, 3)$ $U(-4, 0)$
 $V(4, -1)$ $W(-7, 7)$



- 3) $P(10, 6)$ $Q(9, -5)$ $R(-8, -2)$
 $S(4, 2)$ $T(8, 2)$

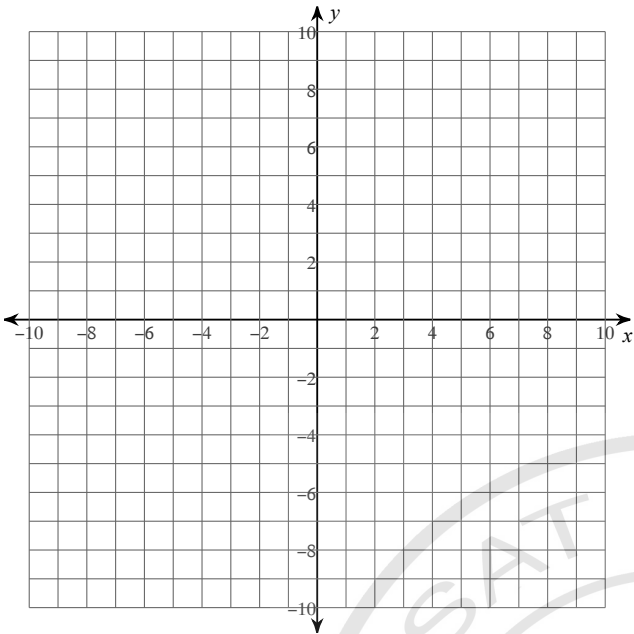


- 4) $N(8, -9)$ $M(-7, 5)$ $L(-4, -2)$
 $K(-3, -5)$ $J(1, -1)$

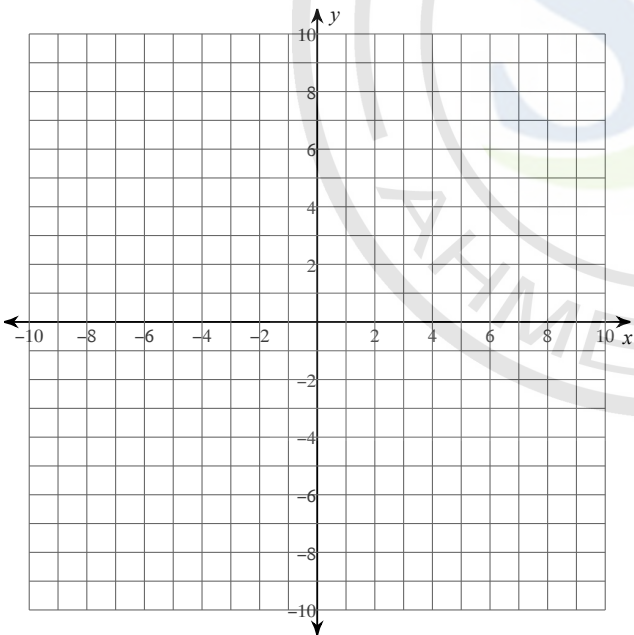


Plot each point.

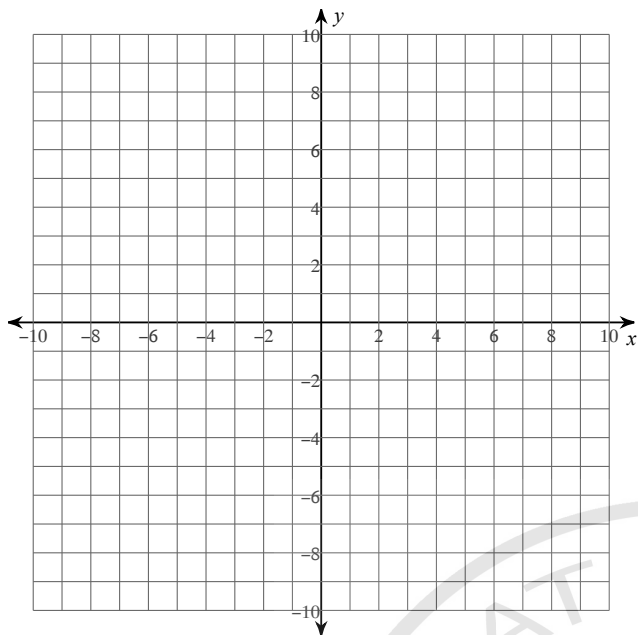
- 5) $H(-1, 7)$ $I(-10, 7)$ $J(4, 8)$
 $K(7, -7)$ $L(-9, 1)$



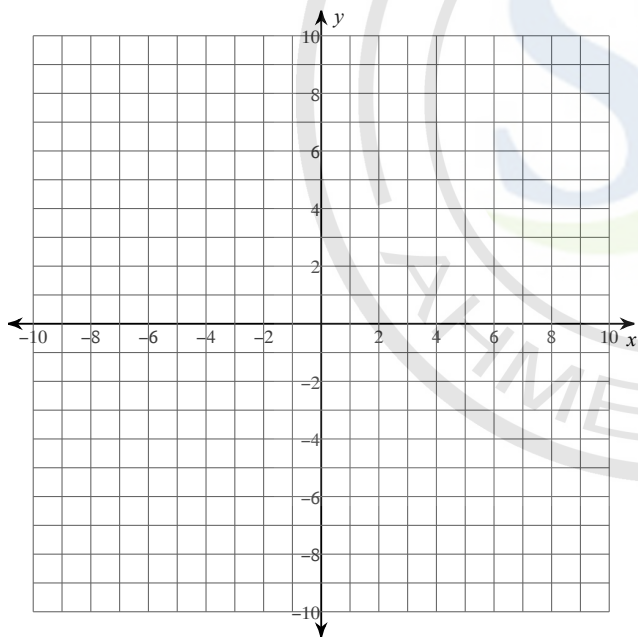
- 6) $R(-2, 1)$ $S(-10, -3)$ $T(8, 6)$
 $U(7, -9)$ $V(3, -7)$



- 7) $E(1, 6)$ $F(8, -3)$ $G(2, -5)$
 $H(-8, -7)$ $I(2, 8)$

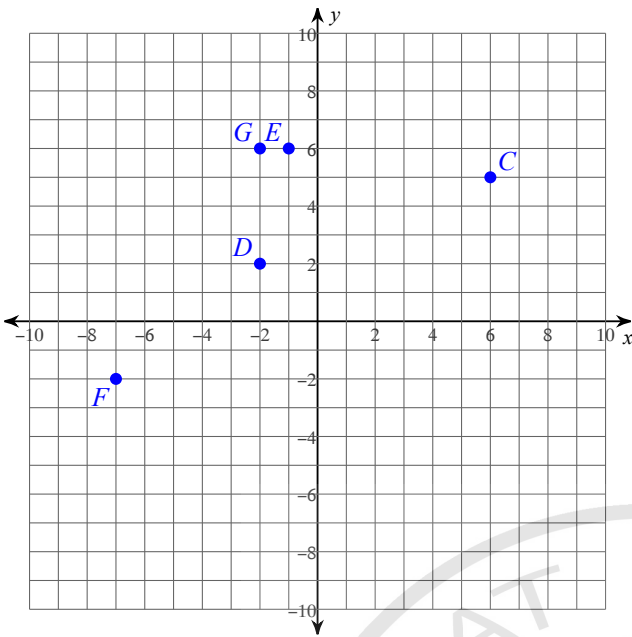


- 8) $H(-2, 6)$ $I(-7, 4)$ $J(4, 3)$
 $K(2, -1)$ $L(7, -5)$

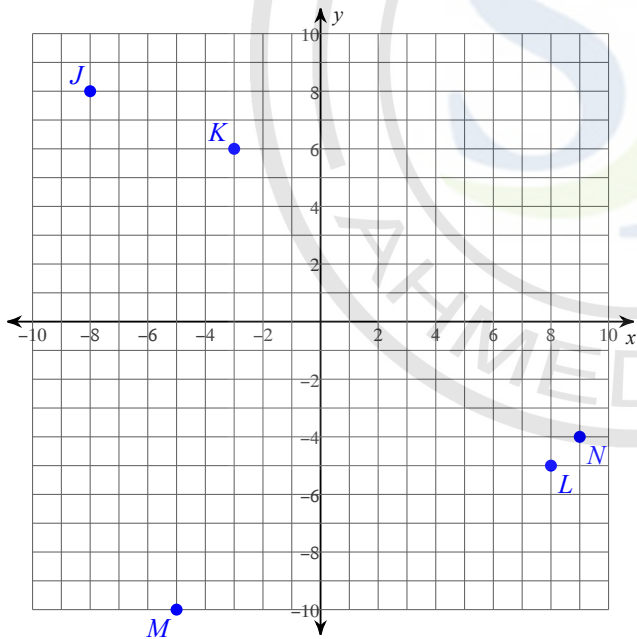


State the coordinates of each point.

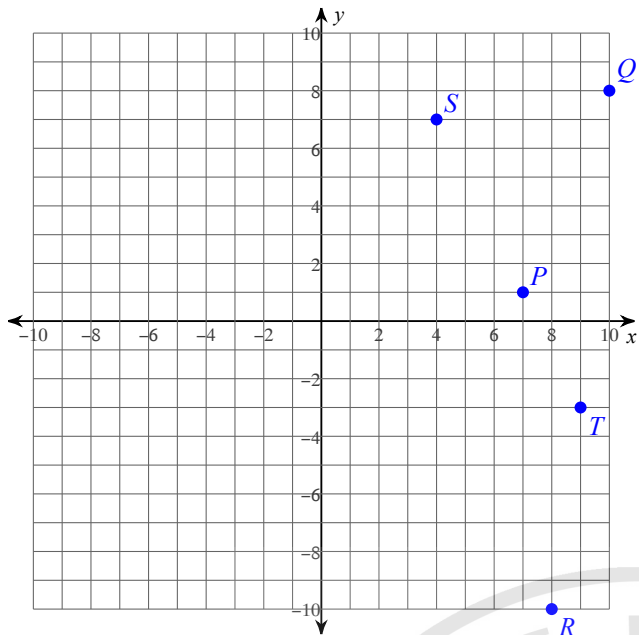
9)



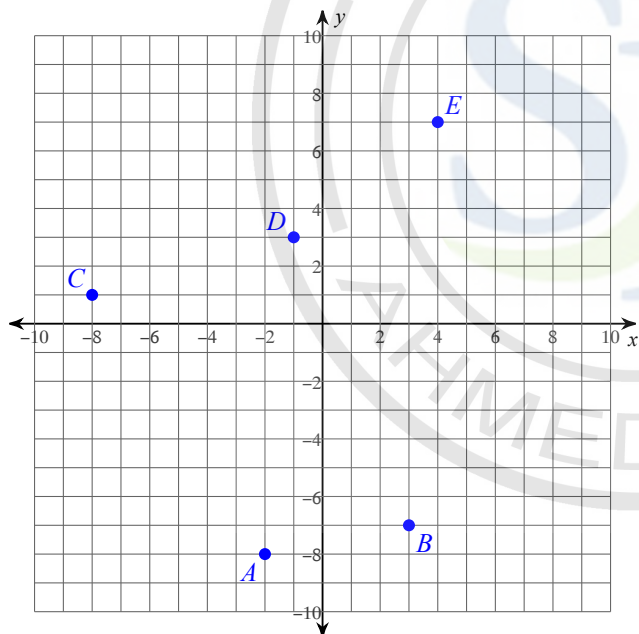
10)



11)

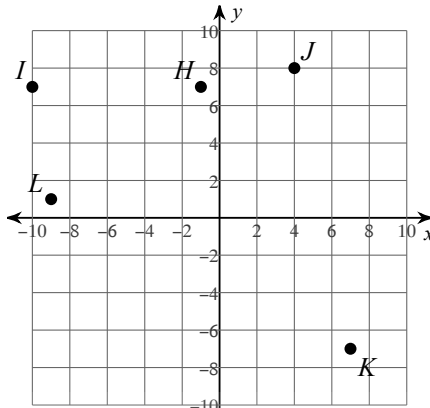


12)

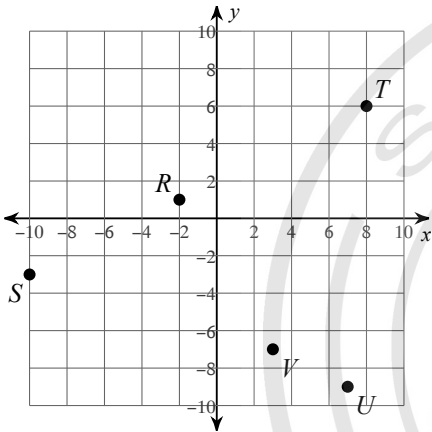


Answers to Assignment: Identifying location of points

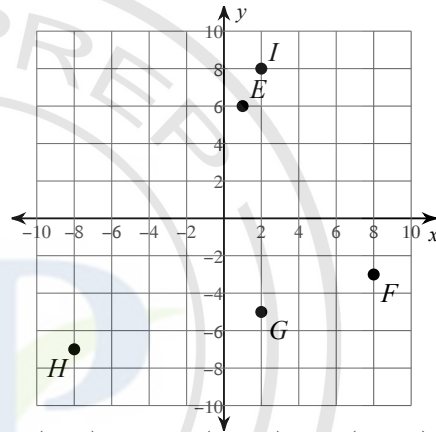
- 1) $I: IV$ $H: I$ $G: II$ 2) $S: II$ $T: I$ $U: x\text{-axis}$ 3) $P: I$ $Q: IV$ $R: III$
 $F: IV$ $E: IV$ $V: IV$ $W: II$ $S: I$ $T: I$
- 4) $N: IV$ $M: II$ $L: III$ 5)
- $K: III$ $J: IV$



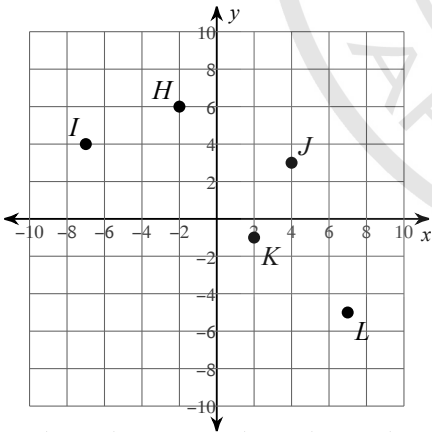
6)



7)



8)



- 9) $C(6, 5)$ $D(-2, 2)$ $E(-1, 6)$
 $F(-7, -2)$ $G(-2, 6)$

- 10) $J(-8, 8)$ $K(-3, 6)$ $L(8, -5)$
 $M(-5, -10)$ $N(9, -4)$
- 12) $A(-2, -8)$ $B(3, -7)$ $C(-8, 1)$
 $D(-1, 3)$ $E(4, 7)$

- 11) $P(7, 1)$ $Q(10, 8)$ $R(8, -10)$
 $S(4, 7)$ $T(9, -3)$