Module 7 Quiz #3   Name:
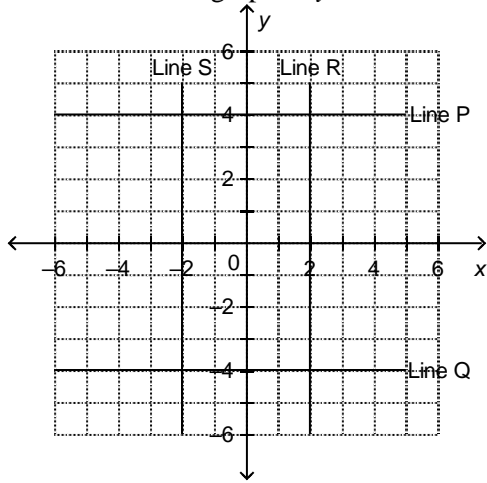**K Glynn/ F Wilson**   Date:

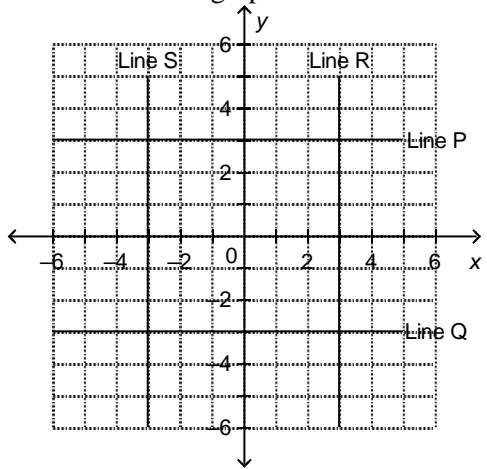**Multiple Choice**
Identify the choice that best completes the statement or answers the question.

_____   1. Which line is the graph of $y = 2$?

a.   Line R   b.   Line S   c.   Line P   d.   Line Q
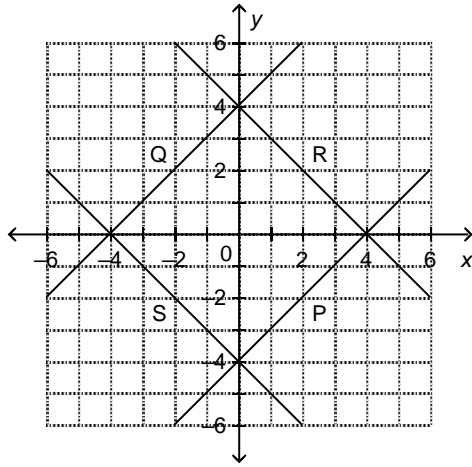
_____   2. Which line is the graph of $x + 3 = 0$?

a.   Line P   b.   Line R   c.   Line Q   d.   Line S

_____   3. Which line represents the equation $x + y = 4$?

a. Line R   b. Line P   c. Line Q   d. Line S

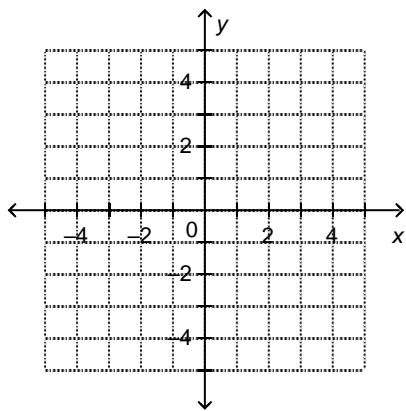____ 4. Which equations describe oblique lines?

   i) $5x + 9 = 11$

   ii) $5x + 9y = 11$

   iii) $9y + 5 = 11$

   iv) $5x = 9y$

   a. i and iv   b. ii and iv   c. i and iii   d. iii and iv
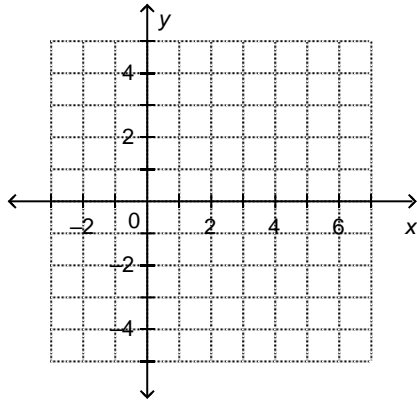
Short Answer

5. Graph the equation $3x - 1 = 8$.

6. Graph the following lines on the same grid. Label the lines.
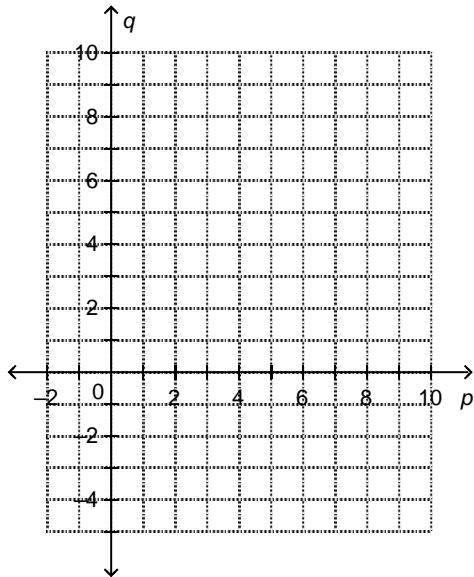
   i) $y = 1$

   ii) $x = 4$

7. The sum of two numbers is 7. Let p and q represent the two numbers.
   a) Make a table to show 5 possible pairs of numbers that satisfy this relation.
      Include $p = -2$ and $p = 10$ in your table.

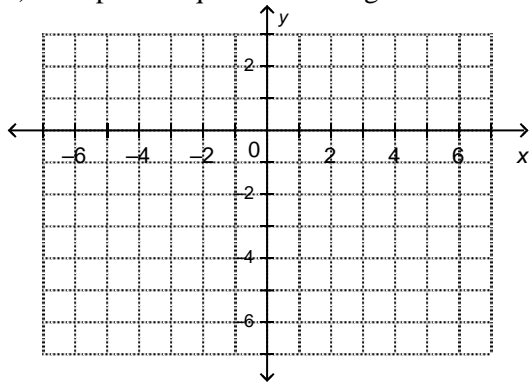| p					
q					

   b) Graph the data.

8. a) For the given equation, make a table of values for the given values of x.

$x + 2y = -4$; for $x = -6$, 0, and 4

x	−6	0	4
y			

b) Graph the equation on the grid.
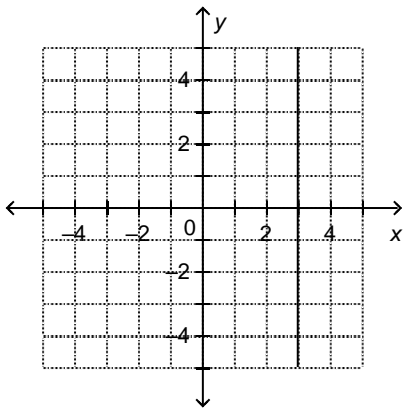
Module 7 Quiz #3
Answer Section

MULTIPLE CHOICE

1. ANS: C
2. ANS: D
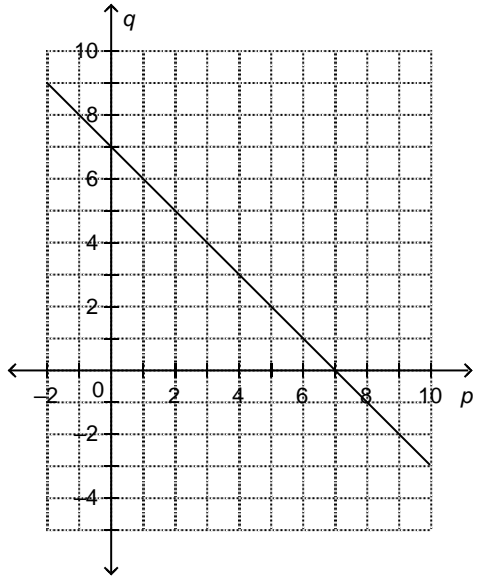3. ANS: A
4. ANS: B

SHORT ANSWER

5. ANS:

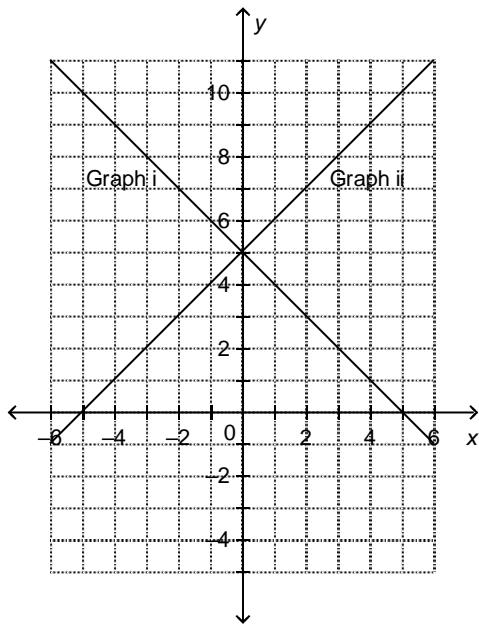6. ANS:
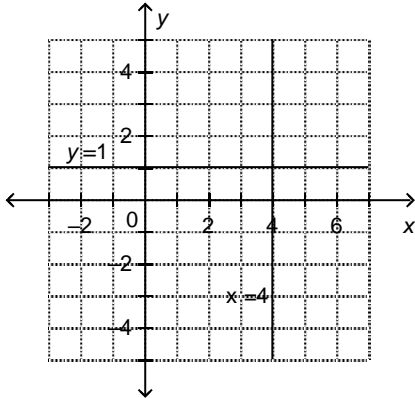
7. ANS:
    Sample answers
    a)

p	−2	0	4	8	10
q	9	7	3	−1	−3

    b)

8. ANS:

9. ANS:

a)

x	−6	0	4
y	1	−2	−4

b)

x	–4	–1	5
y	–2	–1	1

c)