

Cramer's Rule 2x2 systems
Week 6 Monday

Name _____

Example: $3x+2y=7$ $D=$
 $6x-5y=-9$

$Dx =$

$Dy=$

Answer:

Hwk: Use Cramer's Rule to solve each system of Equations.

1. $2m=-4n-4$ $D=$
 $3m+5n=-3$

$Dm=$

$Dn=$

Answer:

2. $7x+2y=-8$ $D=$
 $8y=4x$

$Dx=$

$Dy=$

Answer:

3. $2m+4n=10$ $D=$
 $3m+5n=11$

$Dm=$

$Dn=$

Answer:

4. $-6=3x-6y$ $D=$
 $4x=4+5y$

$Dx=$

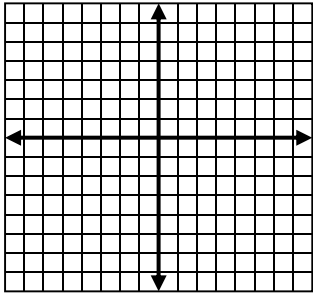
$Dy=$

Answer:

5-6 Solve each system 2 ways. A) by graphing b) Using Cramer's rule c) what did you discover about Cramer's Rule?

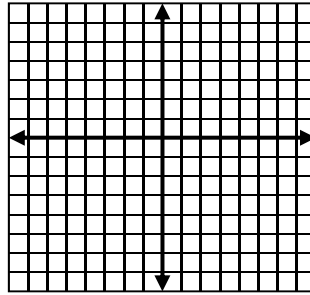
5. $2x-3y=6$
 $6x-9y=9$

a)



6. $3x+2y=10$
 $6x+4y=20$

a)



Answer:

Answer:

b) $D=$

b) $D=$

$Dx=$

$Dx=$

$Dy=$

$Dy=$

Answer:

Answer:

Observations: