

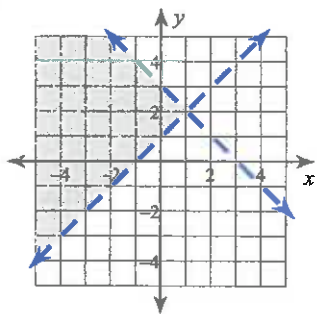
MULTIPLE CHOICE

Sketch the solution to each system of inequalities.

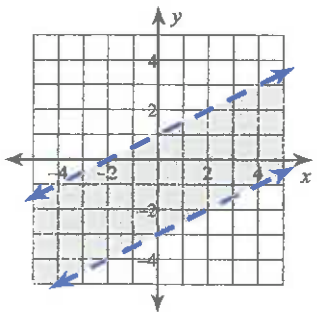
1) $y < \frac{1}{2}x + 1$

$y > \frac{1}{2}x - 3$

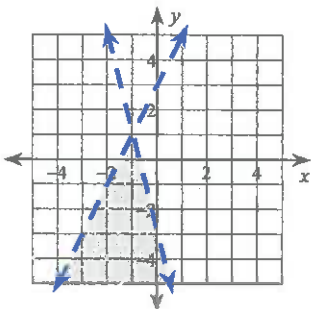
A)



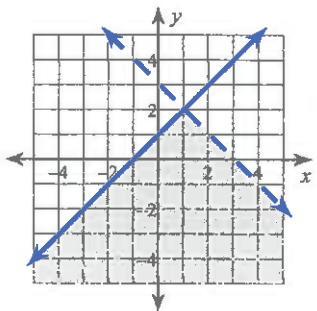
B)



C)



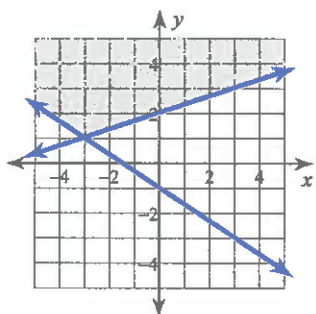
D)



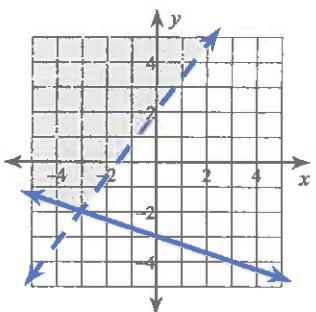
2) $y > \frac{4}{3}x + 2$

$y \geq -\frac{1}{3}x - 3$

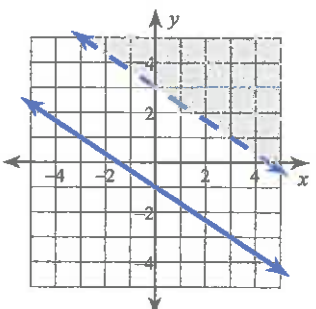
A)



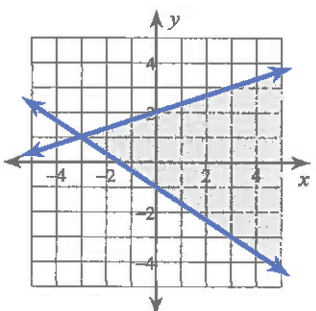
B)



C)

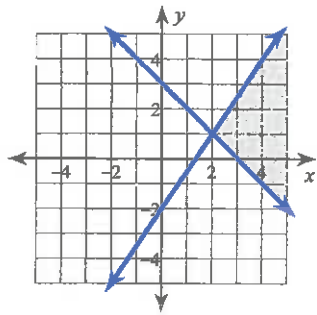


D)

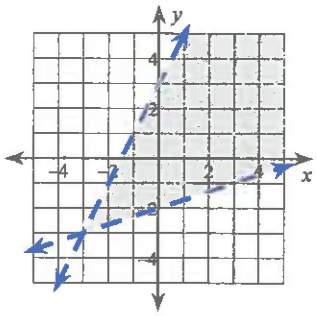


3) $y < 2x + 3$
 $y > \frac{1}{3}x - 2$

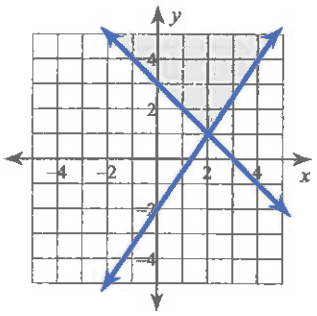
A)



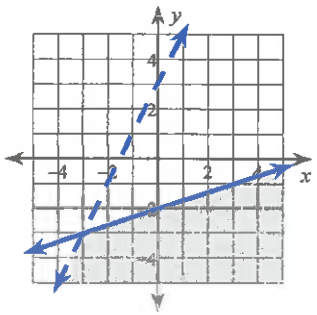
B)



C)

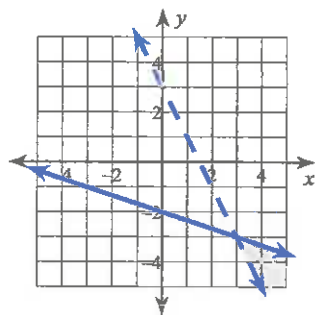


D)

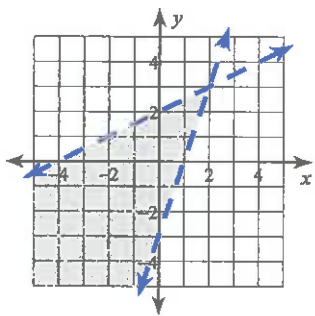


4) $y < \frac{1}{2}x + 2$
 $y > 3x - 3$

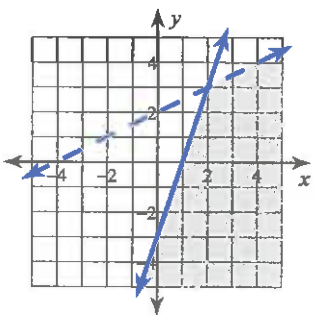
A)



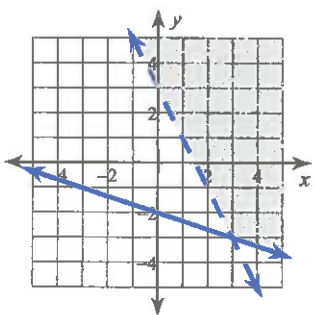
B)



C)

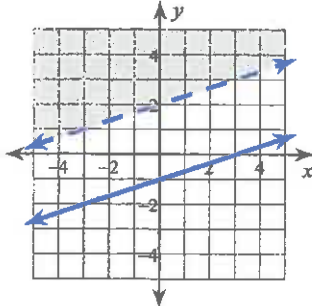


D)

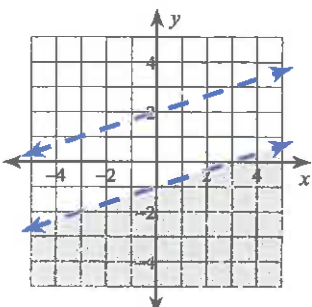


5) $x - 3y > -6$
 $x - 3y < 3$

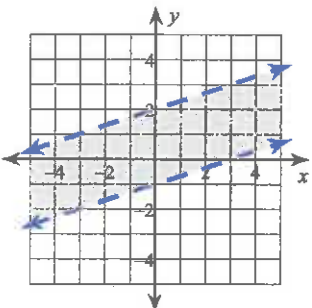
A)



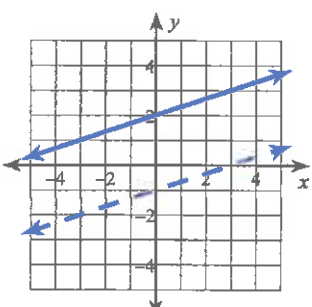
B)



C)

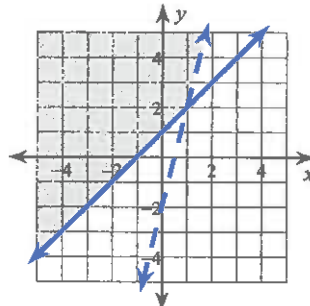


D)

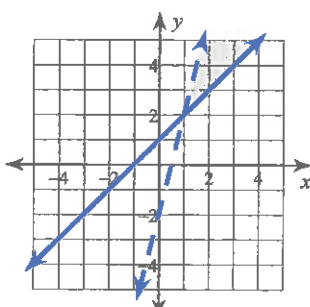


6) $y \geq 3$
 $2x - y \leq -1$

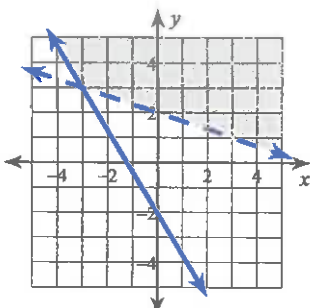
A)



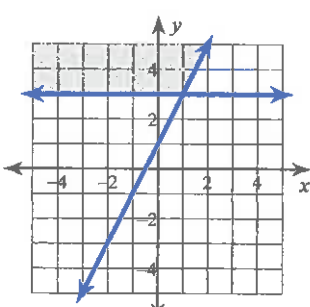
B)



C)

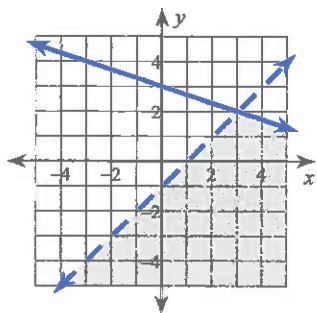


D)

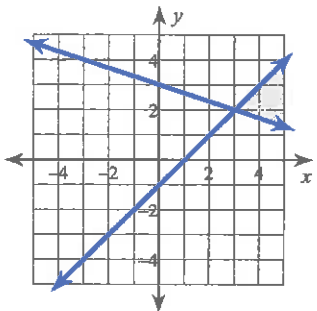


7) $x - y \geq 1$
 $x + 3y \geq 9$

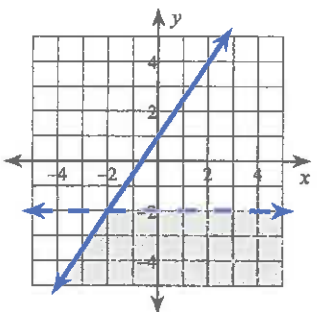
A)



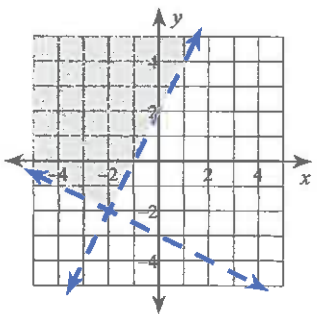
B)



C)

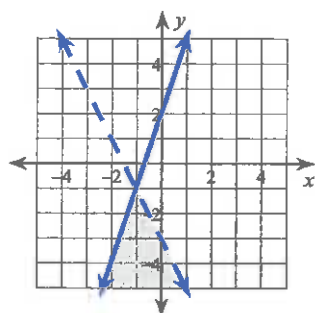


D)

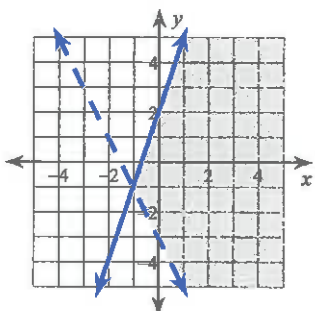


8) $x + y \geq 1$
 $x + y \leq 3$

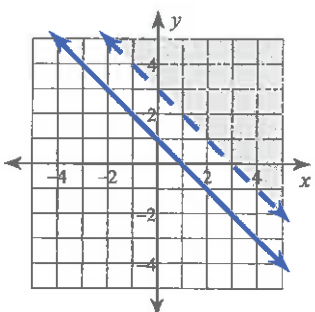
A)



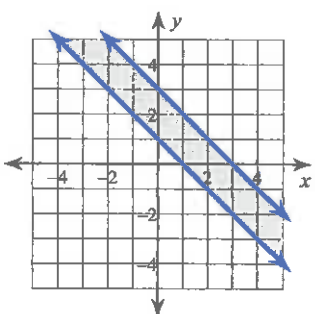
B)



C)



D)



Answers to MULTIPLE CHOICE

1) B
5) C

2) B
6) D

3) B
7) B

4) B
8) D