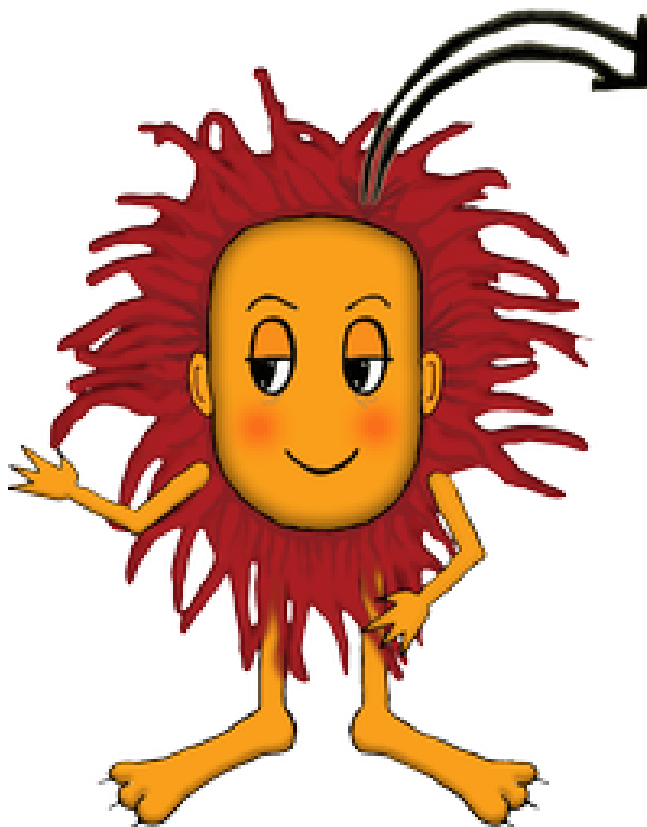


Velika logična pošast



Diofantska enačba s pogojem

Rešiti moramo diofantsko enačbo
 $ax+by=c$,
pri pogoju $|x|+|y|<d$.
Rešitev prikaži grafično.

1.
 $7x+3y=8$
 $|x| + |y| < 6$

2.

$$3x+4y=7$$
$$|x| + |y| < 8$$

3.

$$4x+5y=9$$
$$|x| + |y| < 6$$

4.

$$6x+7y=7$$
$$|x| + |y| < 6$$

5.

$$6x+7y=4$$
$$|x| + |y| < 5$$

6.

$$6x+7y=7$$
$$|x| + |y| < 5$$

7.

$$7x+3y=2$$
$$|x| + |y| < 7$$

8.

$$6x+7y=7$$
$$|x| + |y| < 8$$

9.

$$3x+4y=4$$
$$|x| + |y| < 5$$

10.

$$3x+4y=7$$
$$|x| + |y| < 6$$

11.

$$6x+7y=2$$
$$|x| + |y| < 7$$

12.

$$7x+6y=7$$
$$|x| + |y| < 7$$

13.

$$4x+3y=3$$
$$|x| + |y| < 6$$

14.

$$5x+3y=5$$
$$|x| + |y| < 5$$

15.

$$5x+3y=9$$
$$|x| + |y| < 8$$

16.

$$3x+8y=7$$
$$|x| + |y| < 5$$

17.

$$5x+6y=2$$
$$|x| + |y| < 8$$

18.

$$3x+8y=7$$
$$|x| + |y| < 7$$

19.

$$3x+4y=3$$
$$|x| + |y| < 7$$

20.

$$6x+7y=8$$
$$|x| + |y| < 5$$

21.

$$5x+6y=6$$
$$|x| + |y| < 8$$

22.

$$3x+8y=6$$
$$|x| + |y| < 5$$

23.

$$7x+2y=6$$
$$|x| + |y| < 7$$

24.

$$7x+8y=9$$
$$|x| + |y| < 5$$

25.

$$7x+6y=7$$
$$|x| + |y| < 7$$

26.

$$3x+4y=2$$
$$|x| + |y| < 7$$

27.

$$6x+7y=2$$
$$|x| + |y| < 8$$

28.

$$3x+4y=5$$
$$|x| + |y| < 6$$

29.

$$5x+9y=5$$
$$|x| + |y| < 6$$

30.

$$5x+3y=5$$
$$|x| + |y| < 5$$

31.

$$3x+5y=3$$
$$|x| + |y| < 8$$

32.

$$7x+8y=8$$
$$|x| + |y| < 5$$

33.

$$5x+4y=8$$
$$|x| + |y| < 7$$

34.

$$4x+3y=6$$
$$|x| + |y| < 8$$

35.

$$6x+7y=7$$
$$|x| + |y| < 5$$

36.

$$7x+4y=4$$
$$|x| + |y| < 6$$

37.

$$4x+5y=6$$
$$|x| + |y| < 7$$

38.

$$7x+6y=2$$
$$|x| + |y| < 5$$

39.

$$5x+3y=8$$
$$|x| + |y| < 5$$

40.

$$6x+7y=3$$
$$|x| + |y| < 7$$

41.

$$5x+6y=2$$
$$|x| + |y| < 5$$

42.

$$4x+3y=2$$
$$|x| + |y| < 5$$

43.

$$5x+8y=2$$
$$|x| + |y| < 8$$

44.

$$3x+4y=3$$
$$|x| + |y| < 6$$

45.

$$6x+7y=5$$
$$|x| + |y| < 6$$

46.

$$5x+8y=3$$
$$|x| + |y| < 8$$

47.

$$6x+7y=2$$

$$|x| + |y| < 6$$

48.

$$7x+9y=9$$

$$|x| + |y| < 6$$

49.

$$7x+8y=6$$

$$|x| + |y| < 5$$

50.

$$4x+7y=4$$

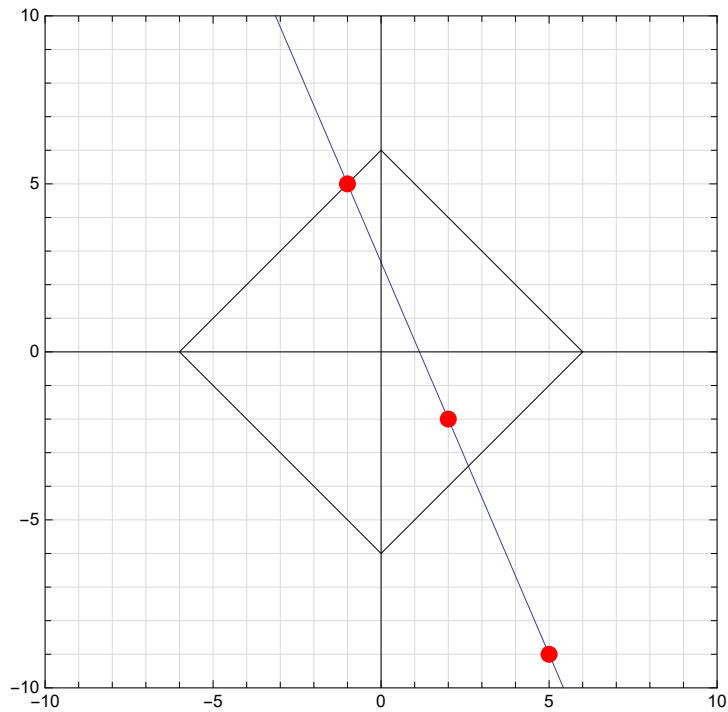
$$|x| + |y| < 7$$

Rešitve:

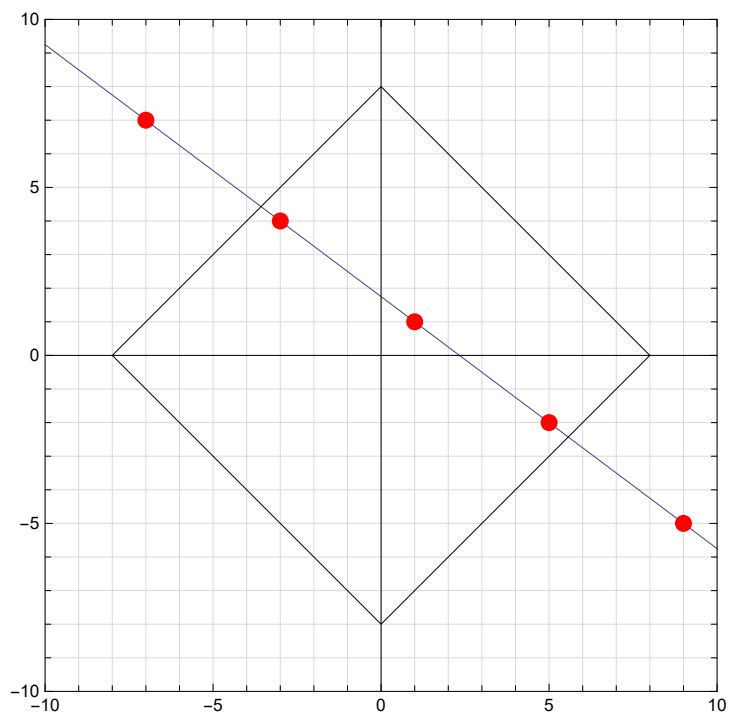
1.

$$7x+3y=8$$

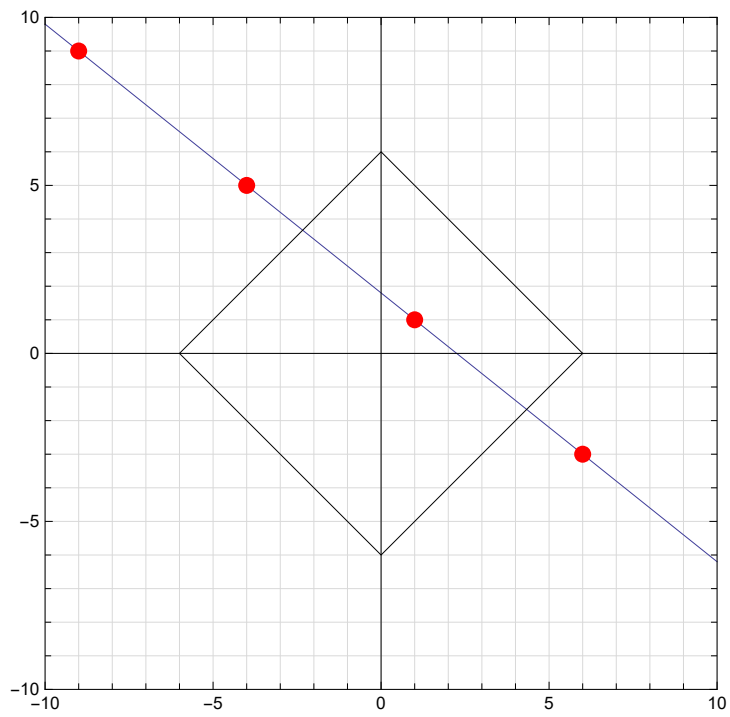
$$|x| + |y| < 6$$



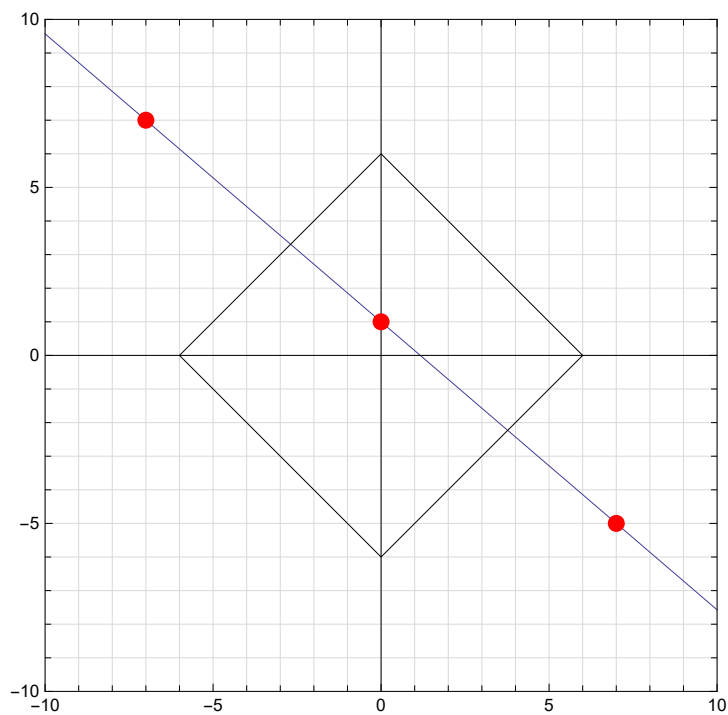
2.
 $3x+4y=7$
 $|x|+|y|<8$



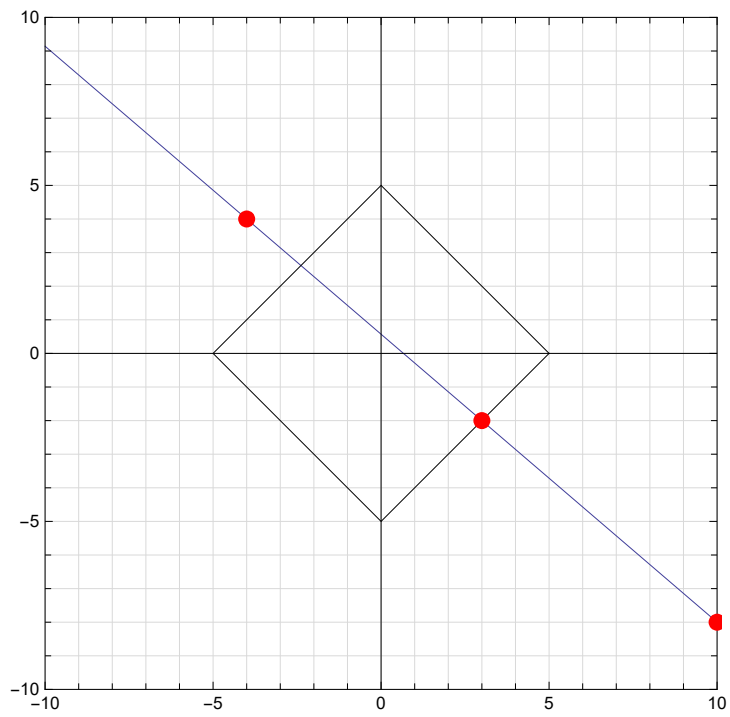
3.
 $4x + 5y = 9$
 $|x| + |y| < 6$



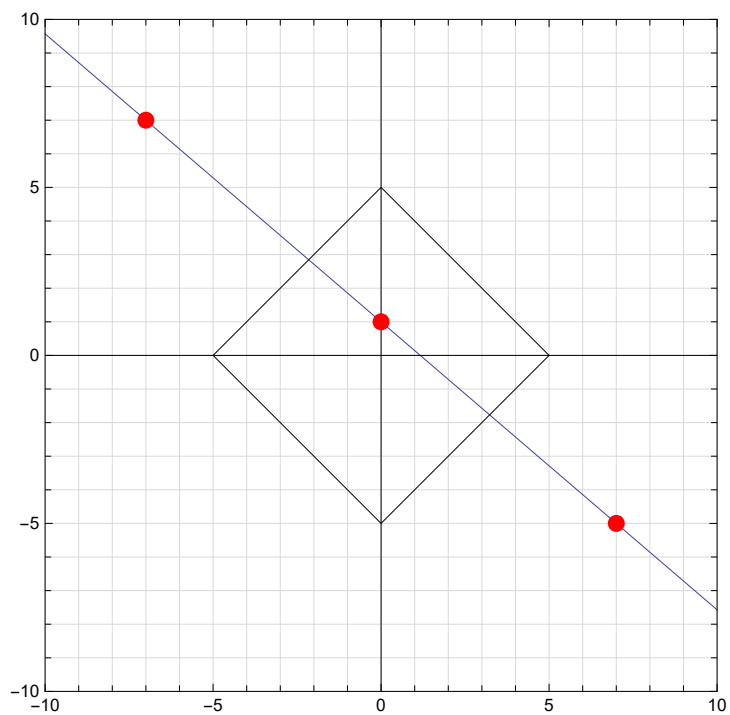
4.
 $6x + 7y = 7$
 $|x| + |y| < 6$



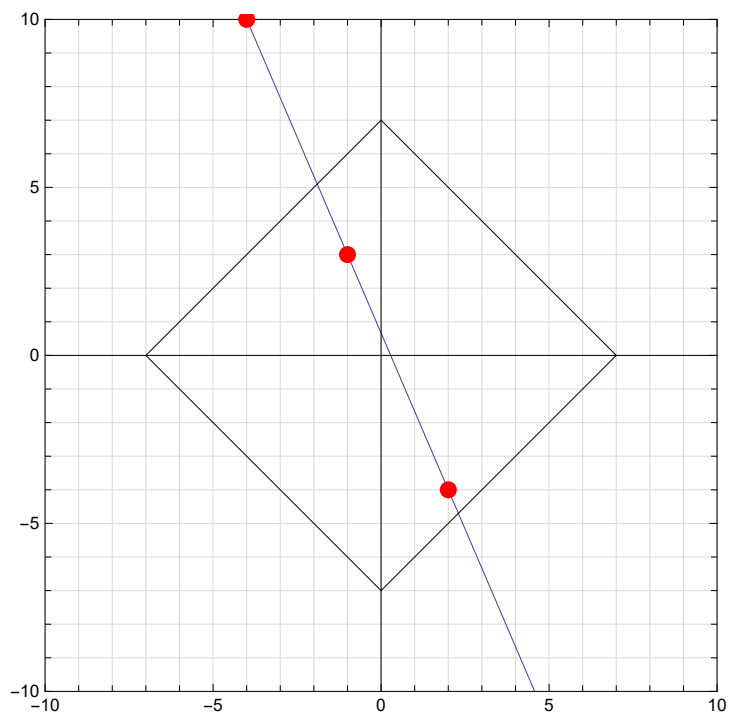
5.
 $6x+7y=4$
 $|x|+|y|<5$



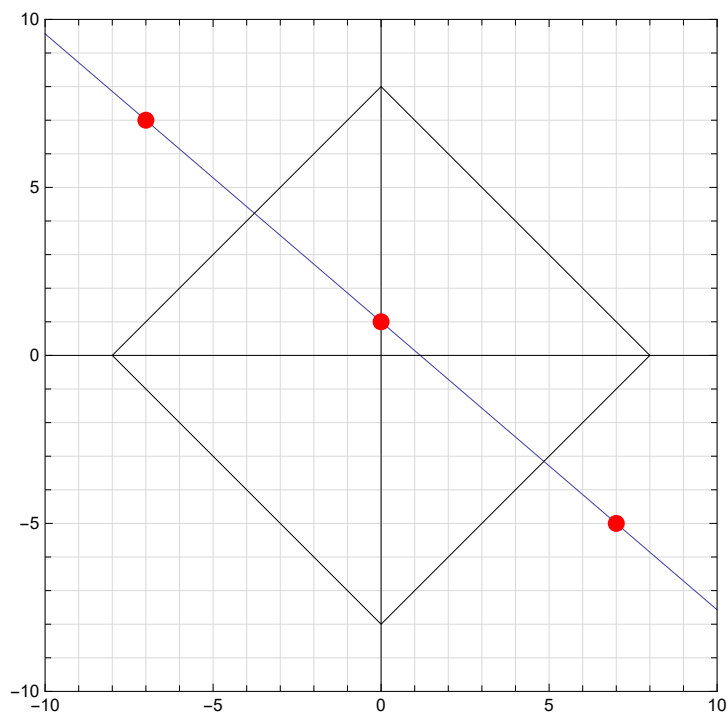
6.
 $6x+7y=7$
 $|x|+|y|<5$



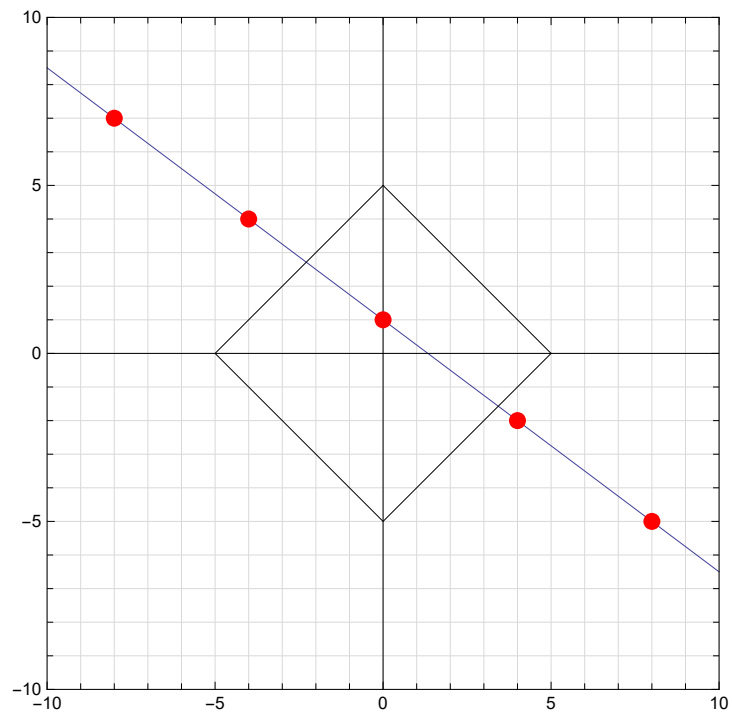
7.
 $7x + 3y = 2$
 $|x| + |y| < 7$



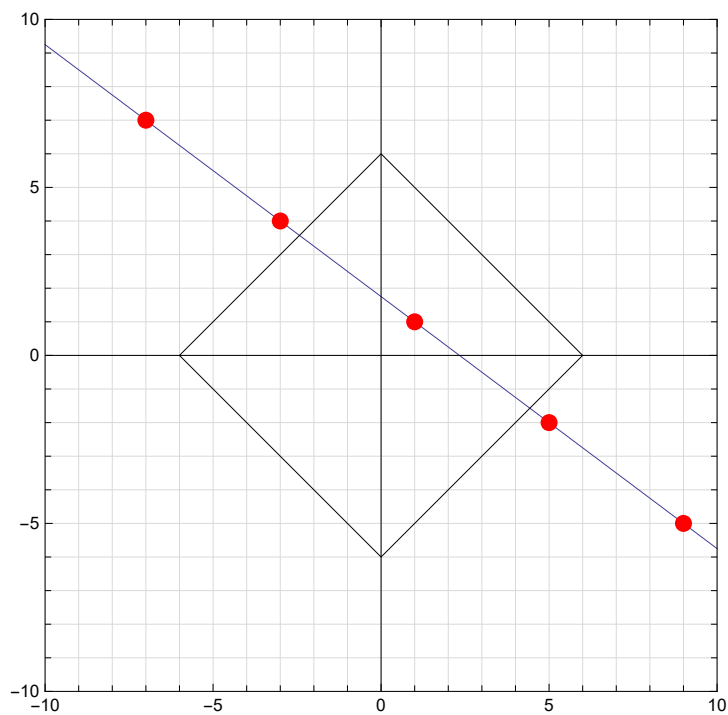
8.
 $6x + 7y = 7$
 $|x| + |y| < 8$



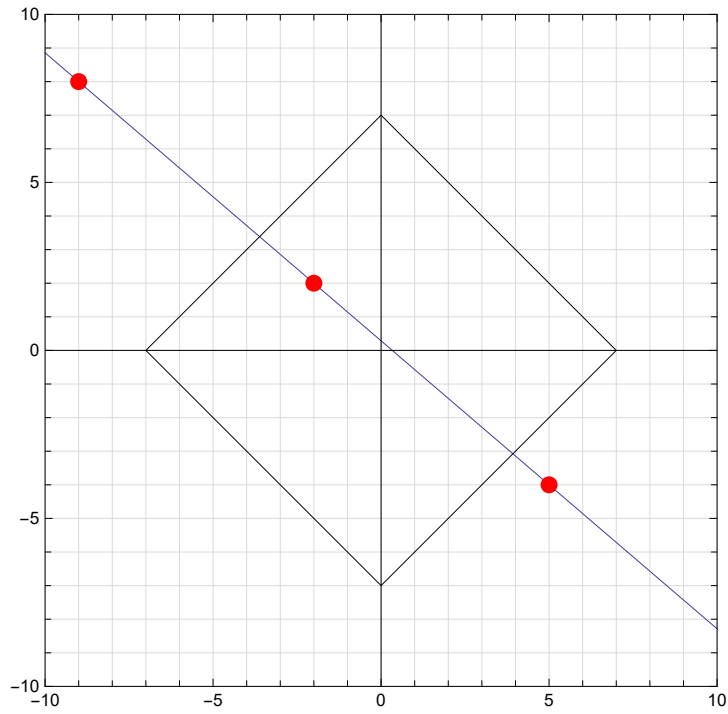
9.
 $3x+4y=4$
 $|x|+|y|<5$



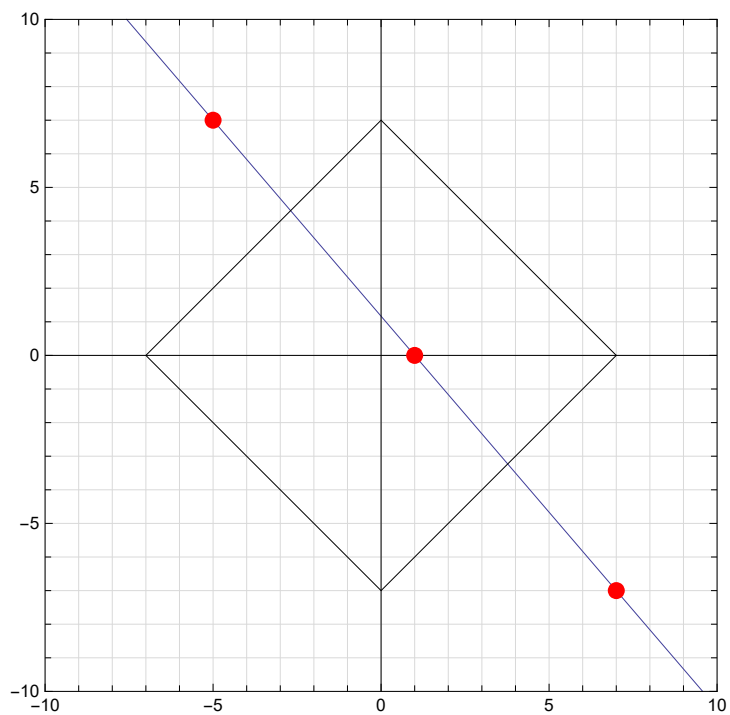
10.
 $3x+4y=7$
 $|x|+|y|<6$



11.
 $6x+7y=2$
 $|x|+|y|<7$



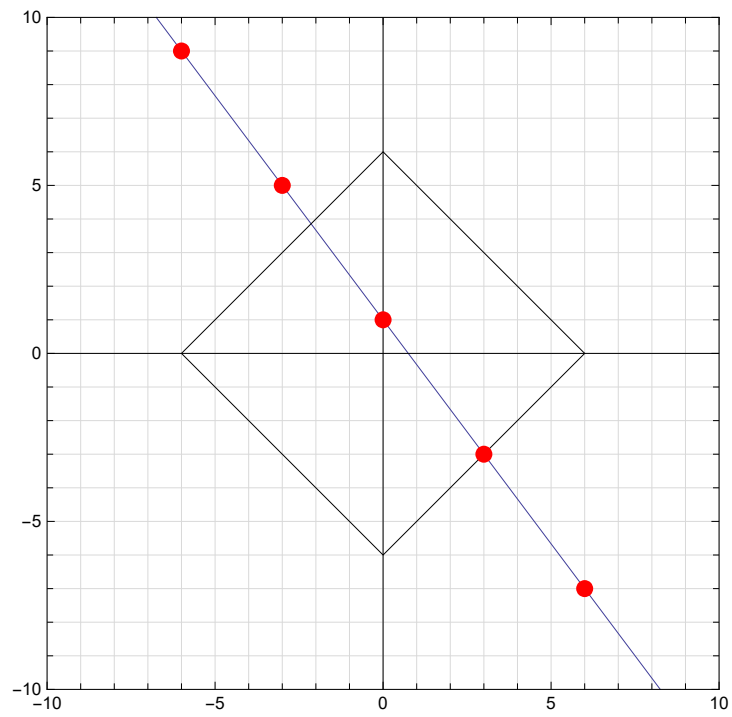
12.
 $7x+6y=7$
 $|x|+|y|<7$



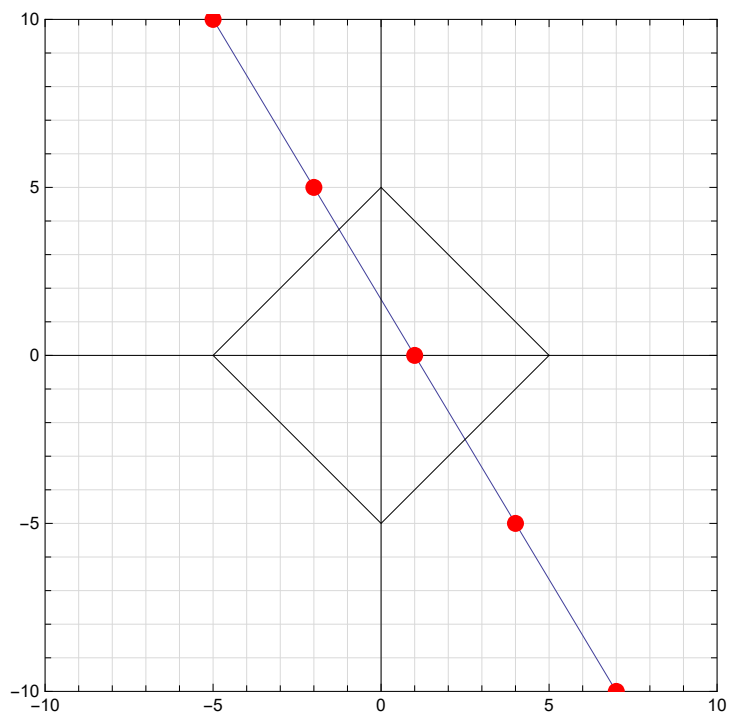
13.

$$4x + 3y = 3$$

$$|x| + |y| < 6$$



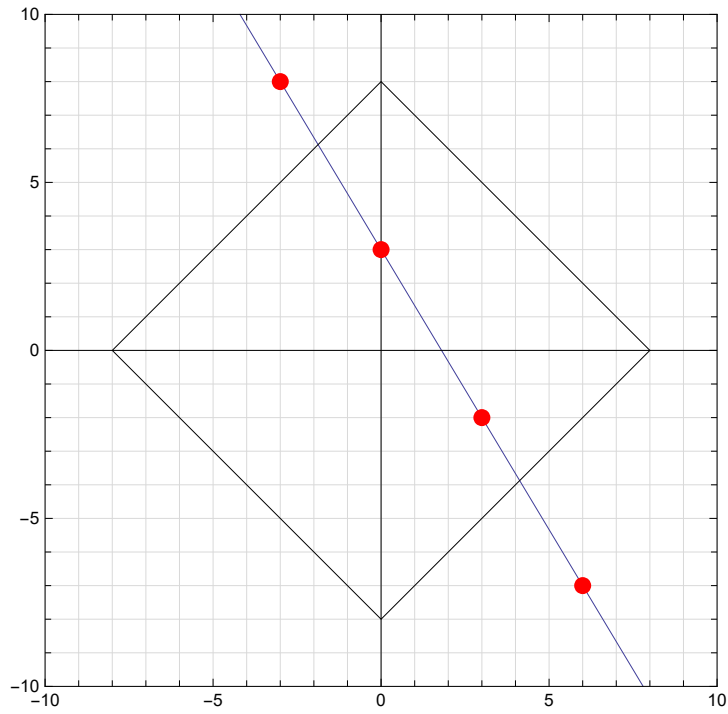
14.
 $5x + 3y = 5$
 $|x| + |y| < 5$



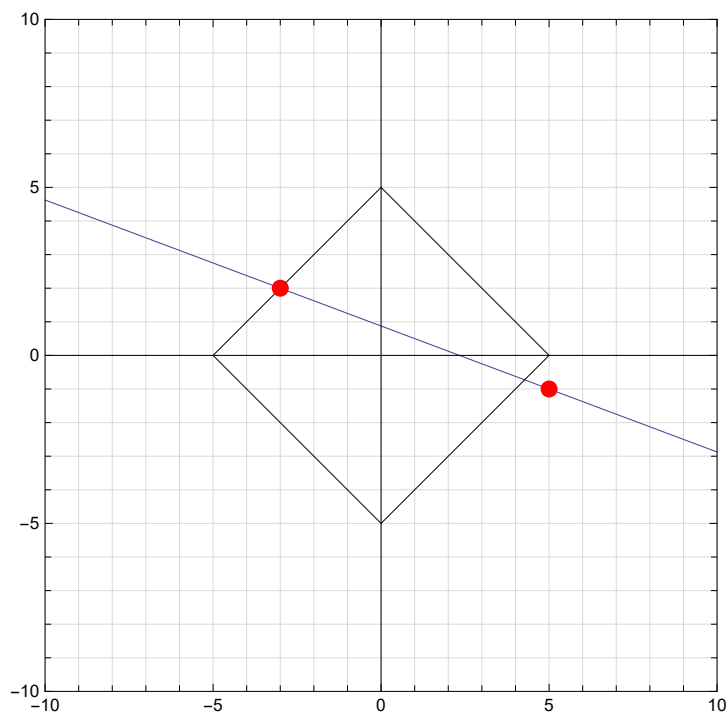
15.

$$5x + 3y = 9$$

$$|x| + |y| < 8$$



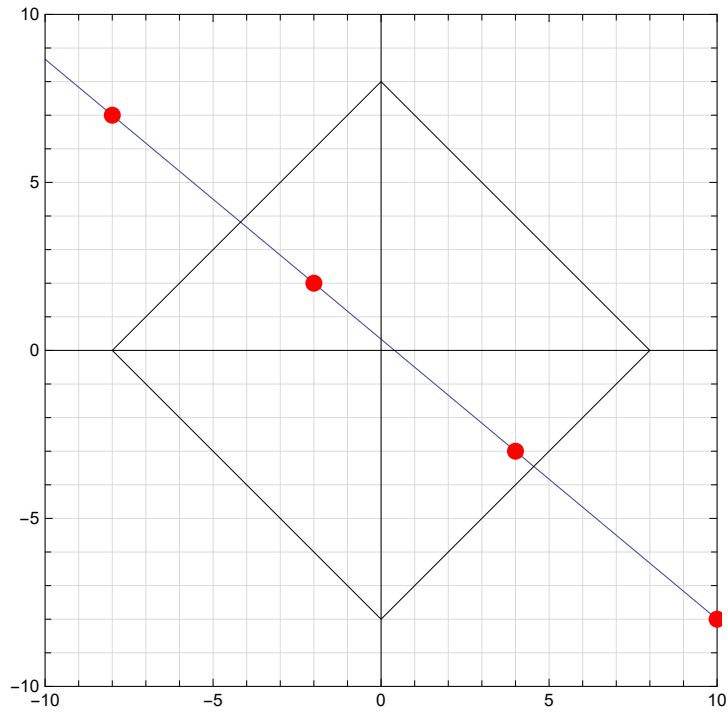
16.
 $3x+8y=7$
 $|x|+|y|<5$



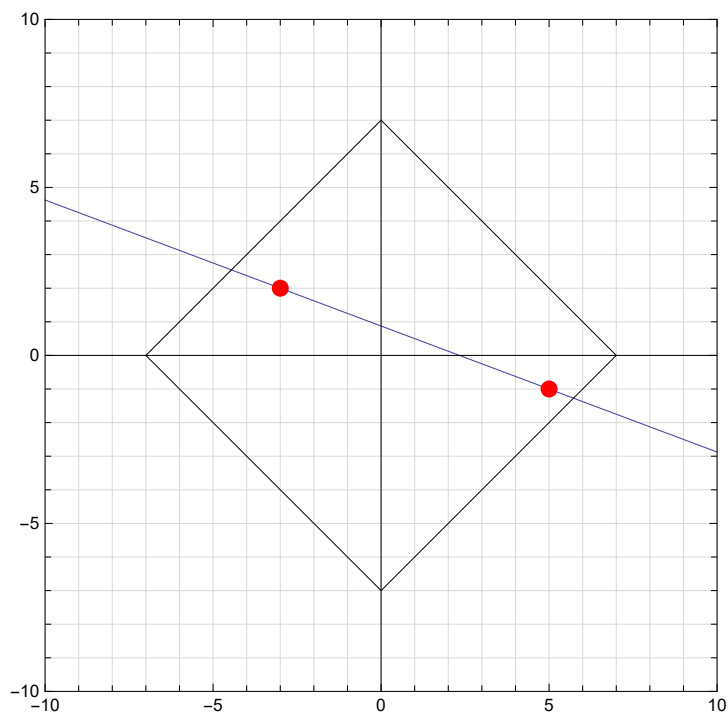
17.

$$5x + 6y = 2$$

$$|x| + |y| < 8$$



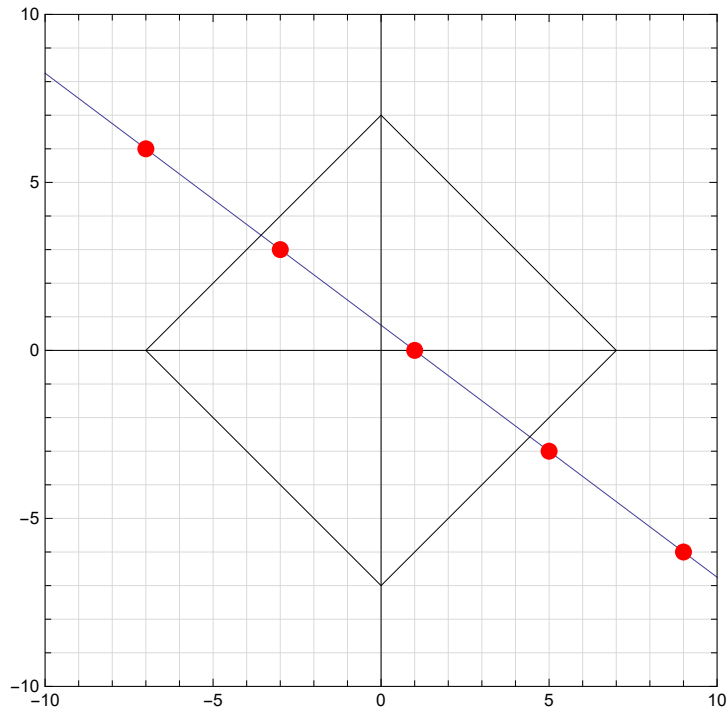
18.
 $3x+8y=7$
 $|x|+|y|<7$



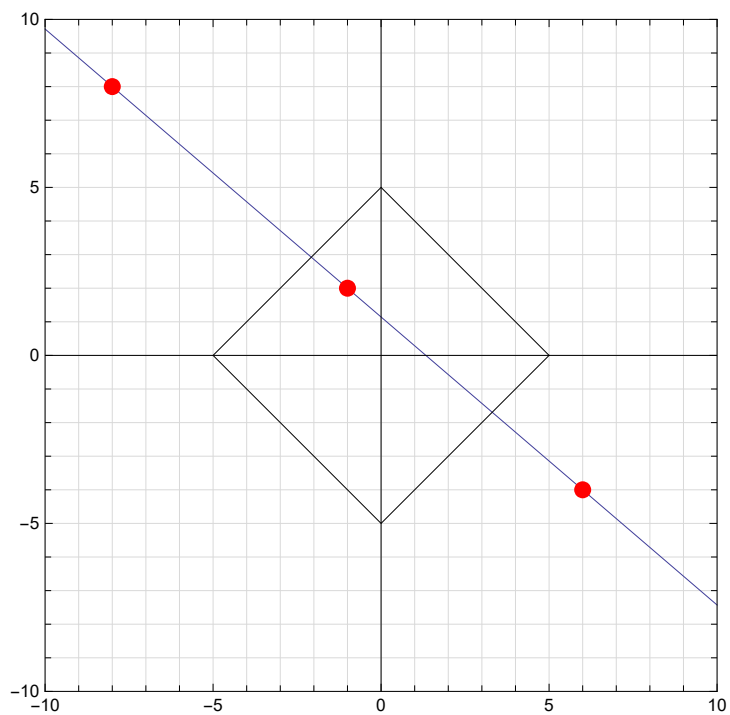
19.

$$3x + 4y = 3$$

$$|x| + |y| < 7$$



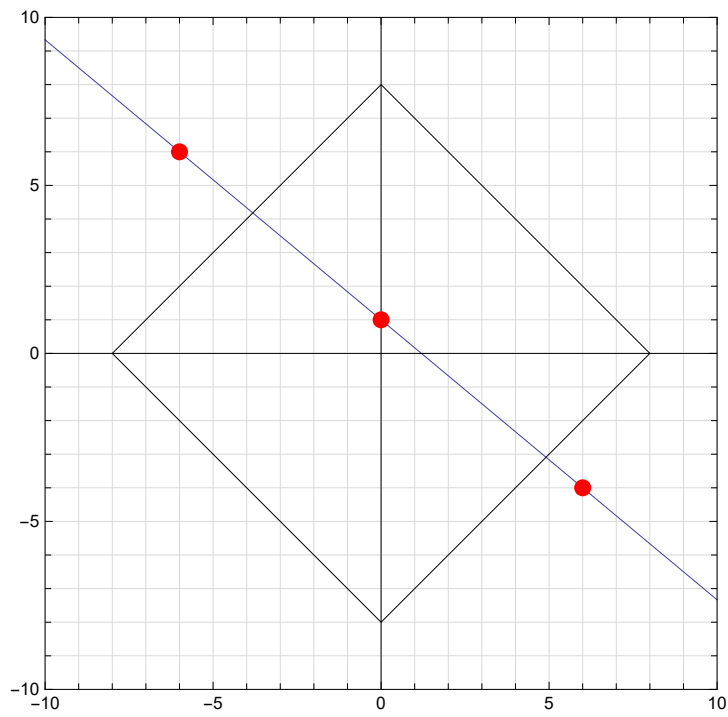
20.
 $6x + 7y = 8$
 $|x| + |y| < 5$



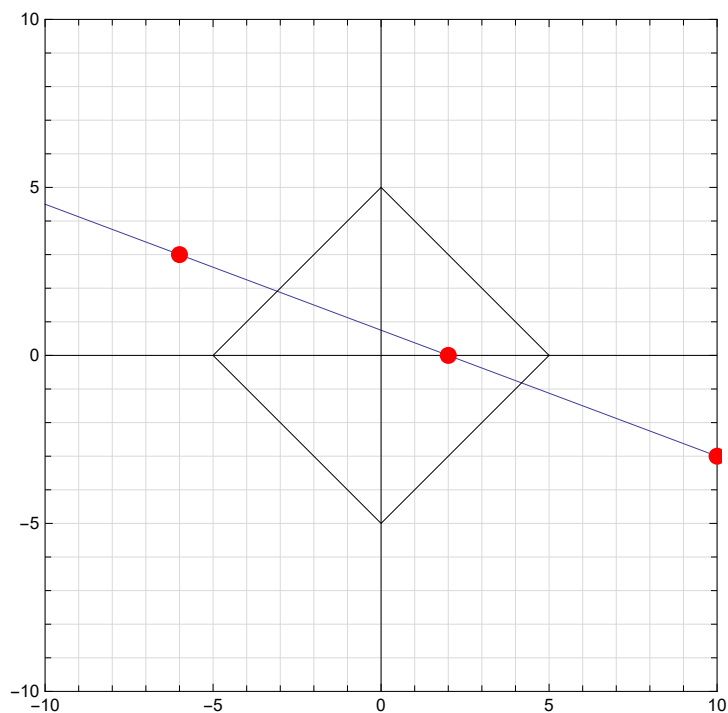
21.

$$5x + 6y = 6$$

$$|x| + |y| < 8$$



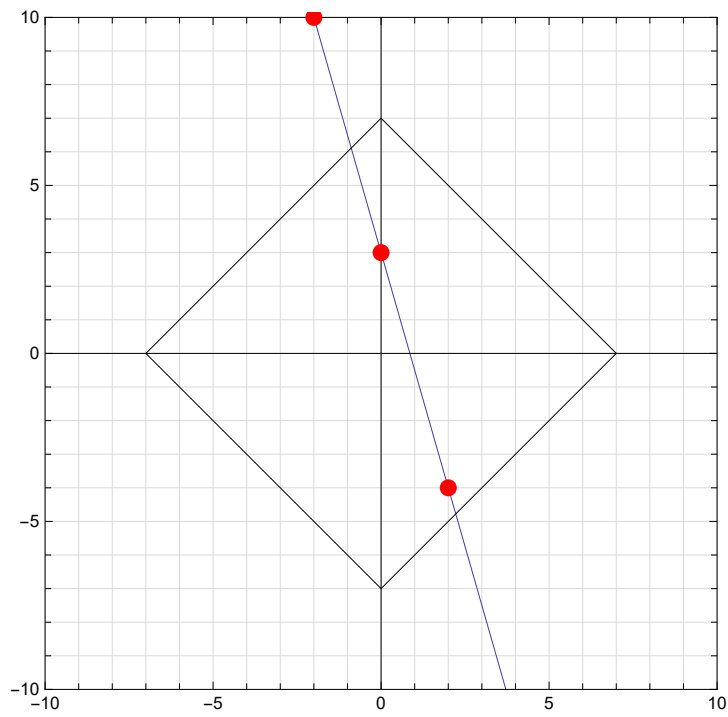
22.
 $3x+8y=6$
 $|x|+|y|<5$



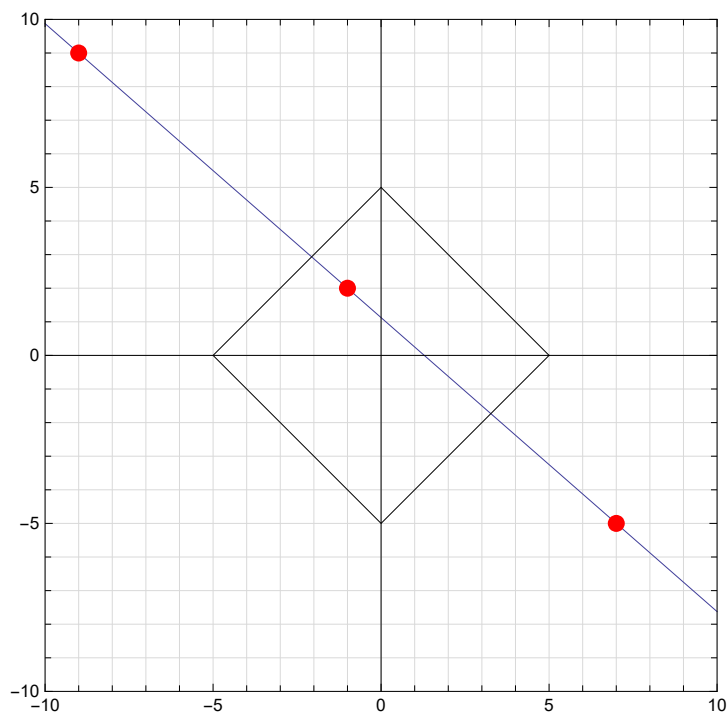
23.

$$7x + 2y = 6$$

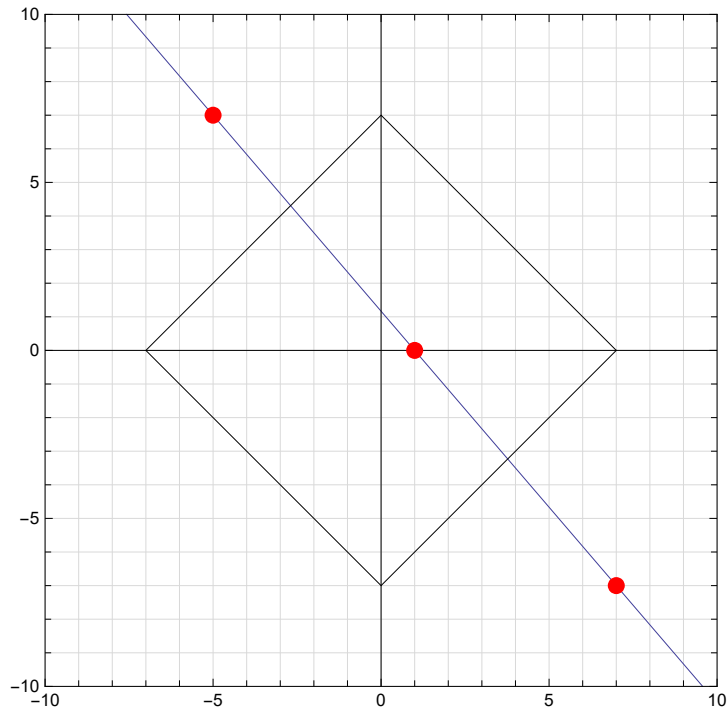
$$|x| + |y| < 7$$



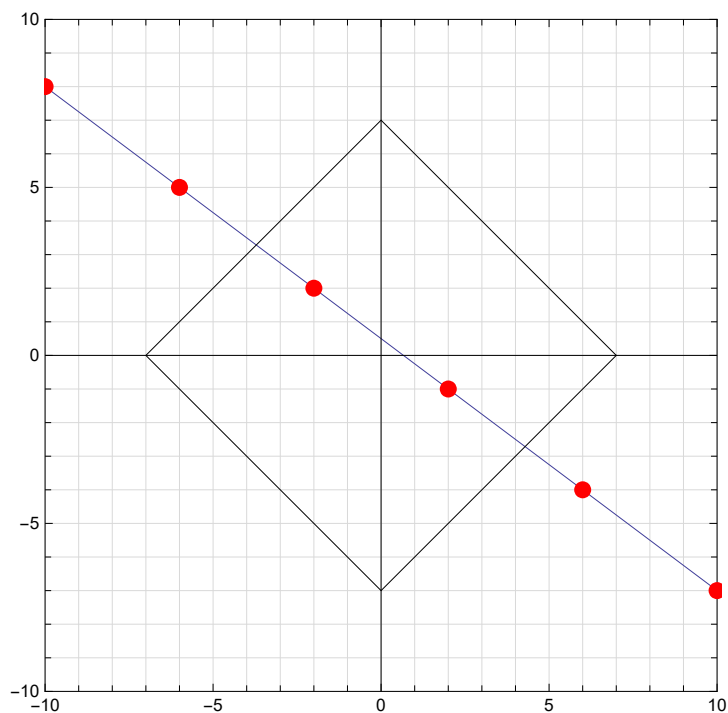
24.
 $7x+8y=9$
 $|x|+|y|<5$



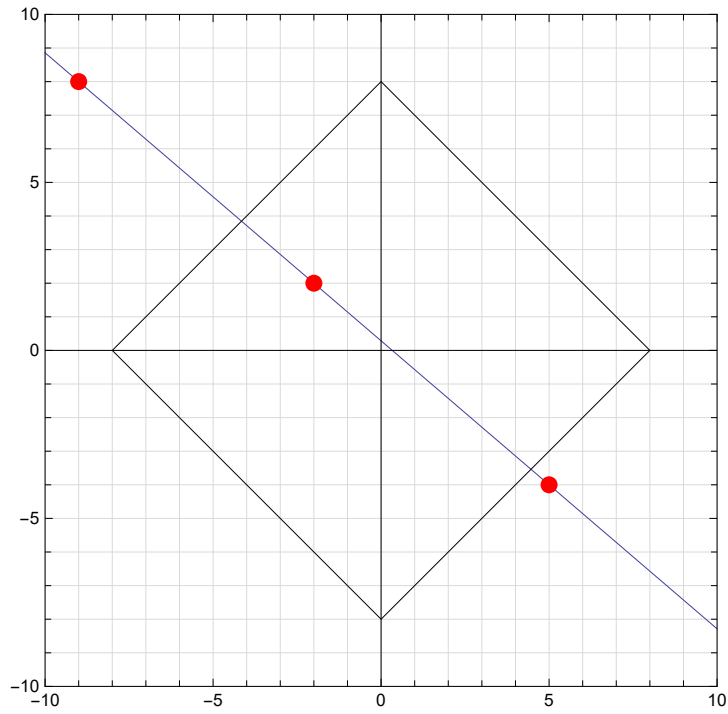
25.
 $7x+6y=7$
 $|x|+|y|<7$



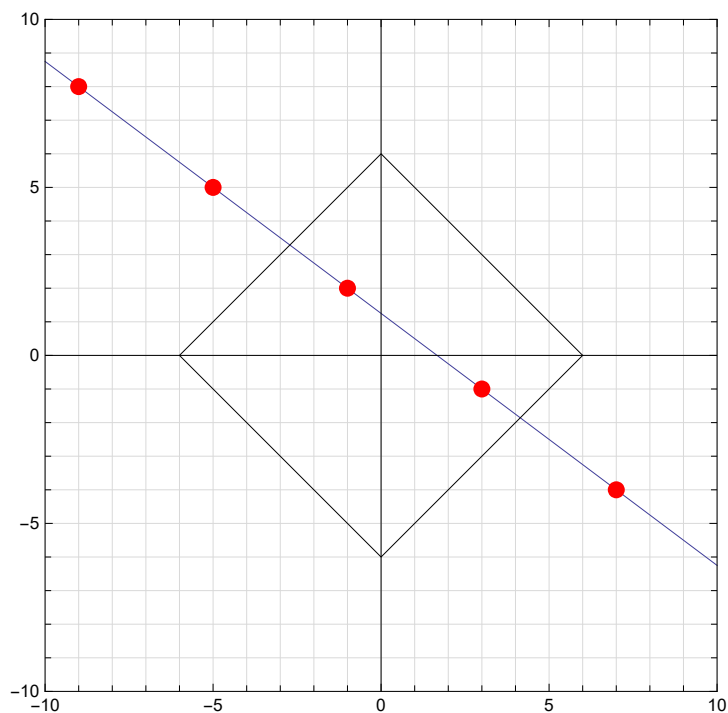
26.
 $3x+4y=2$
 $|x|+|y|<7$



27.
 $6x + 7y = 2$
 $|x| + |y| < 8$



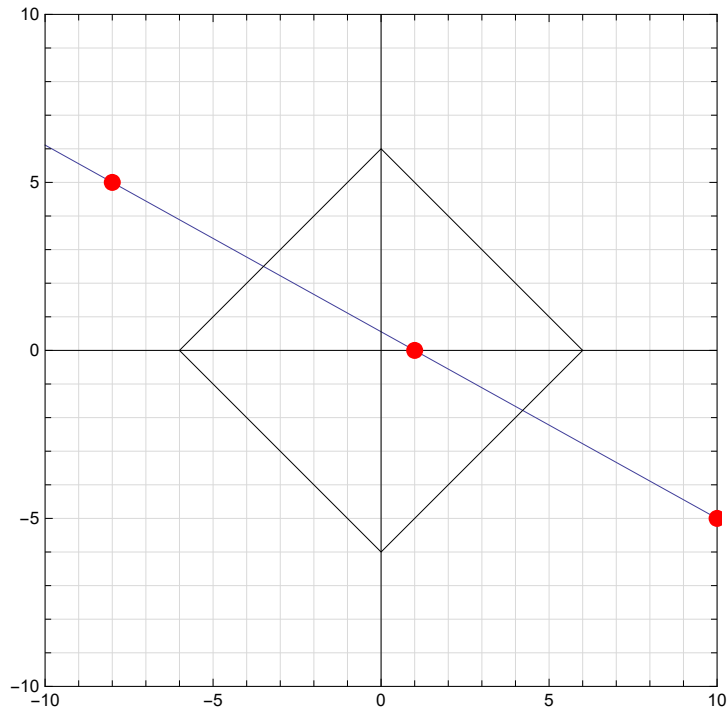
28.
 $3x+4y=5$
 $|x|+|y|<6$



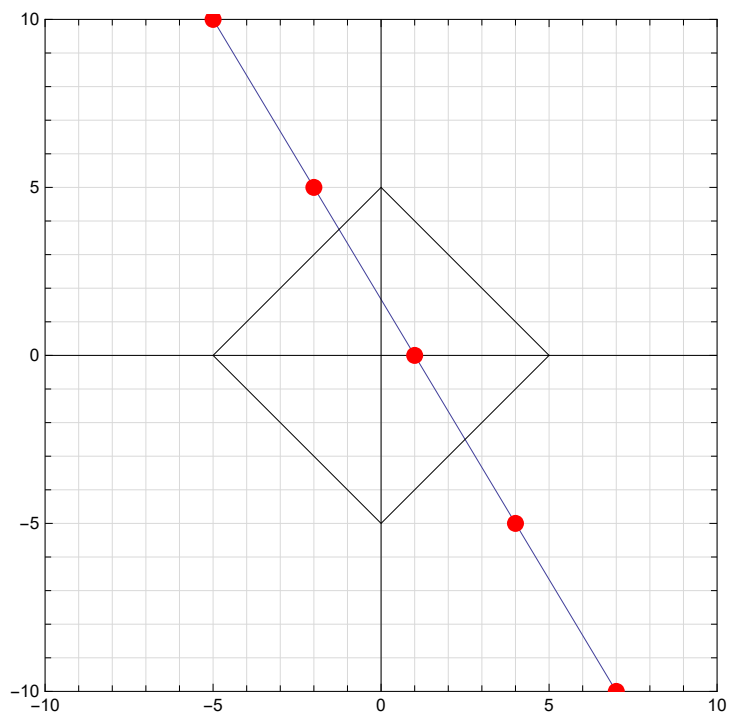
29.

$$5x + 9y = 5$$

$$|x| + |y| < 6$$



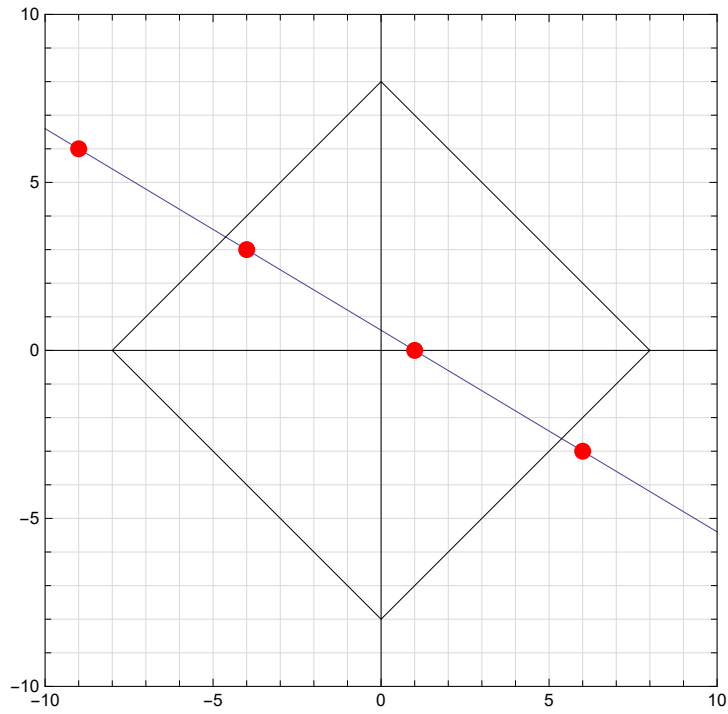
30.
 $5x + 3y = 5$
 $|x| + |y| < 5$



31.

$$3x + 5y = 3$$

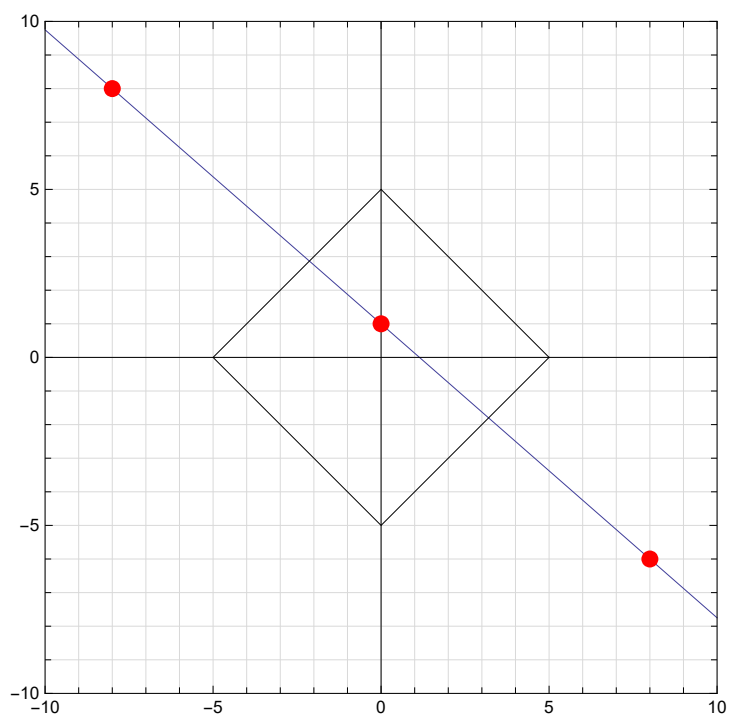
$$|x| + |y| < 8$$



32.

$$7x + 8y = 8$$

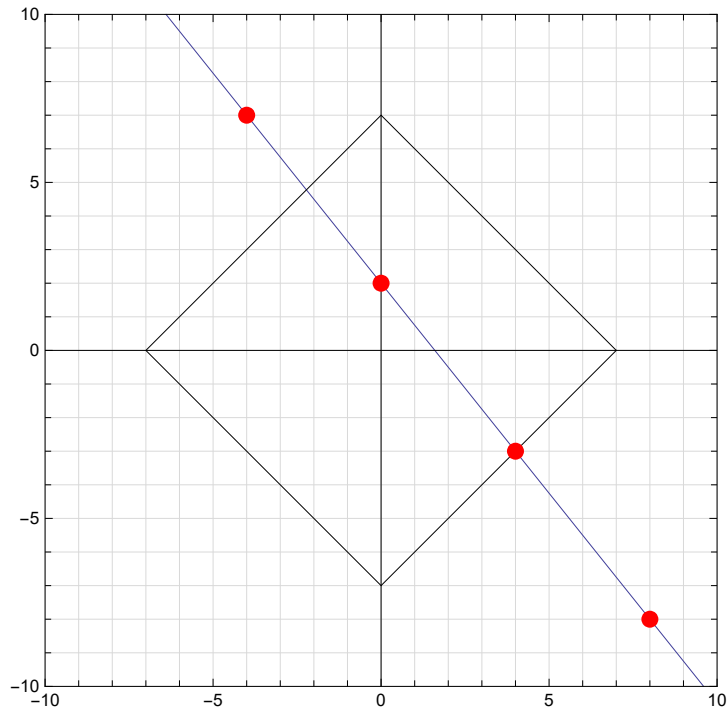
$$|x| + |y| < 5$$



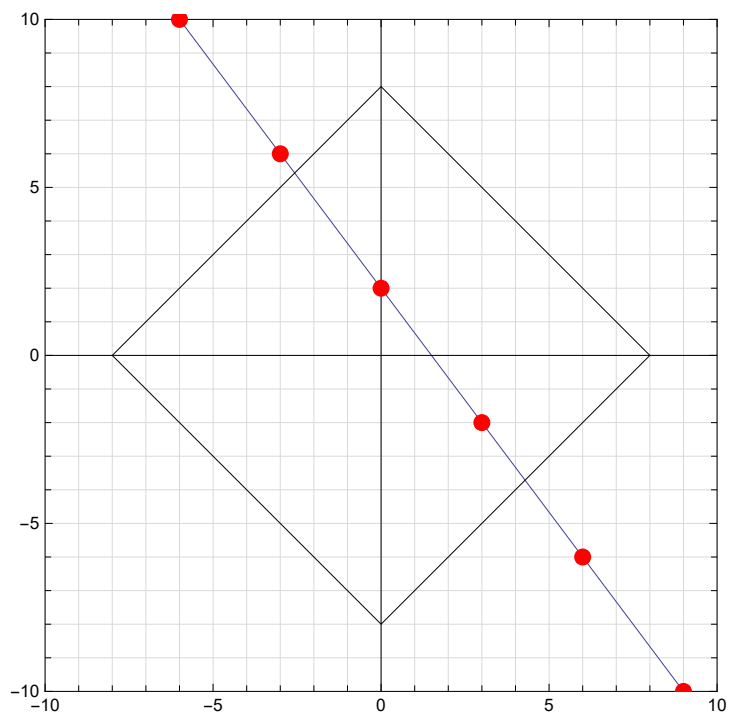
33.

$$5x + 4y = 8$$

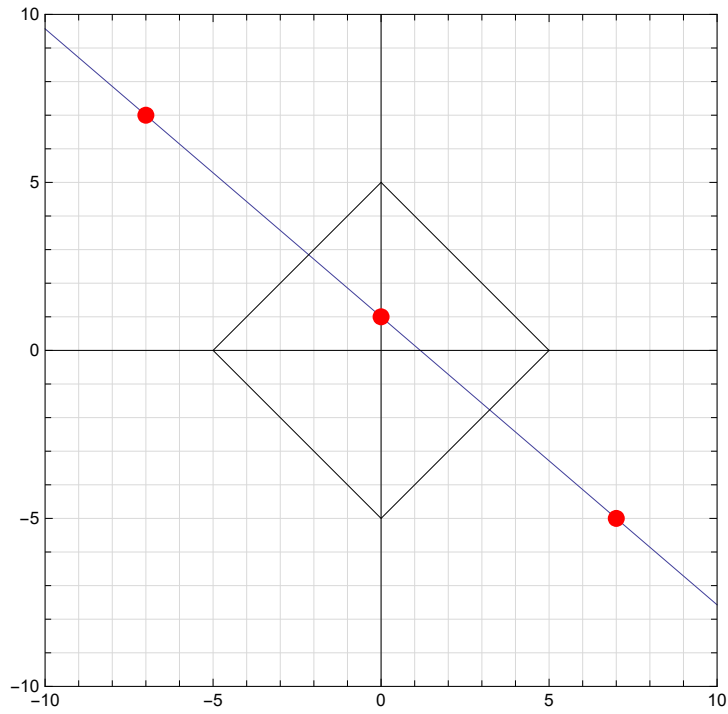
$$|x| + |y| < 7$$



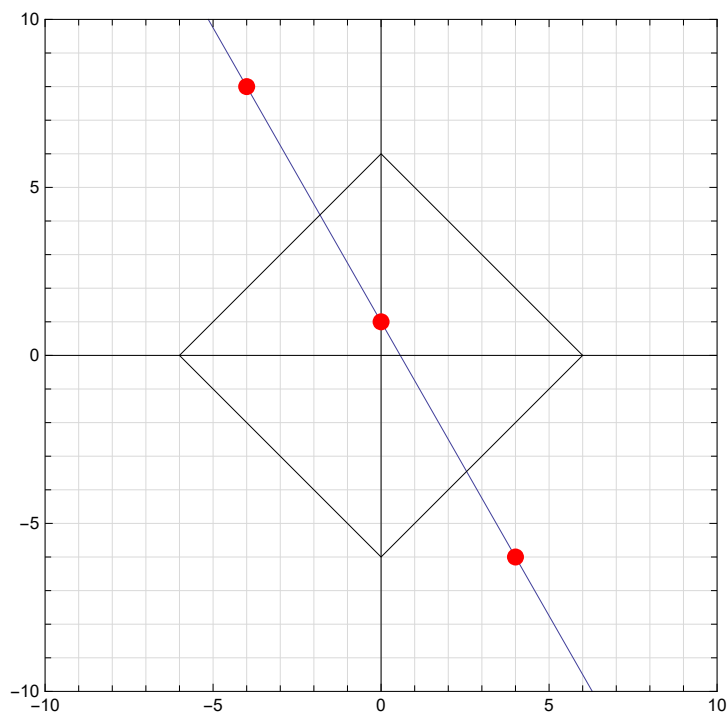
34.
 $4x + 3y = 6$
 $|x| + |y| < 8$



35.
 $6x+7y=7$
 $|x|+|y|<5$



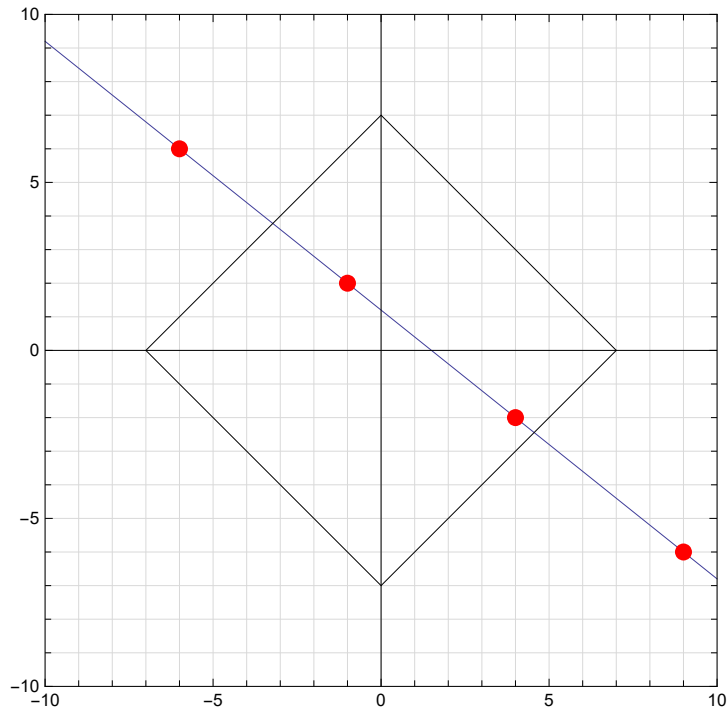
36.
 $7x + 4y = 4$
 $|x| + |y| < 6$



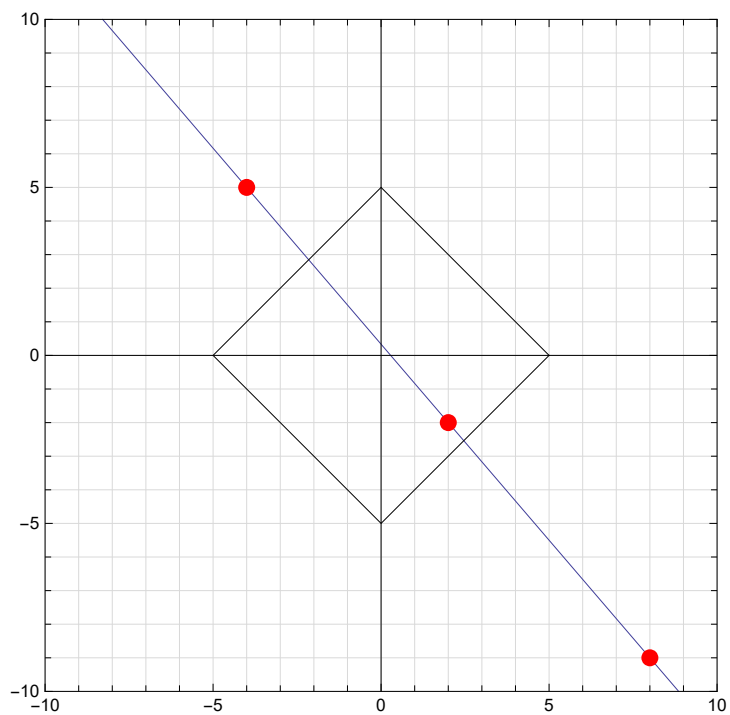
37.

$$4x + 5y = 6$$

$$|x| + |y| < 7$$



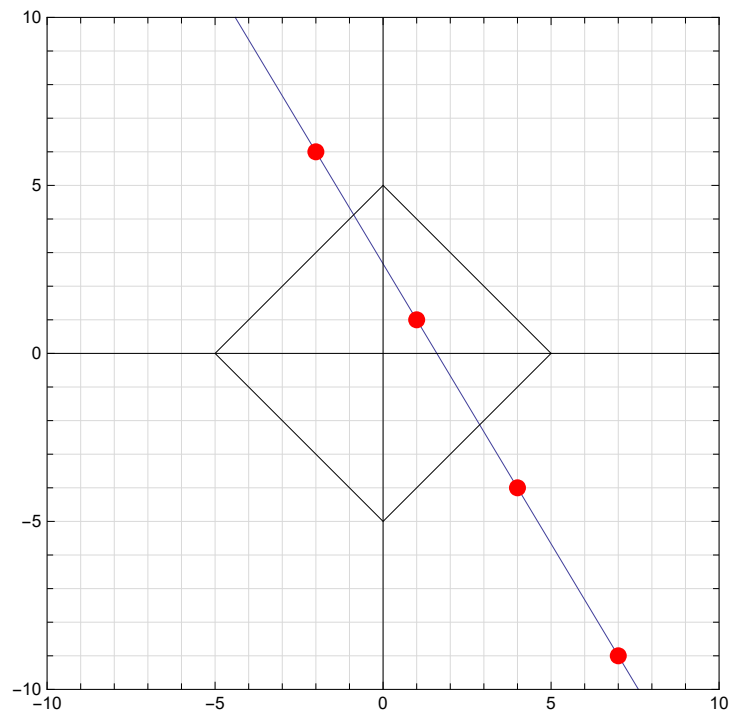
38.
 $7x+6y=2$
 $|x|+|y|<5$



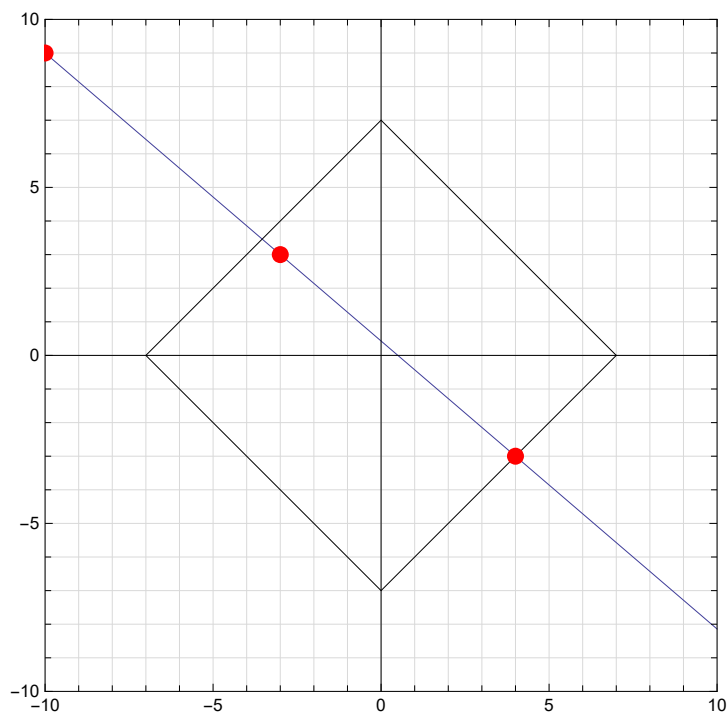
39.

$$5x + 3y = 8$$

$$|x| + |y| < 5$$



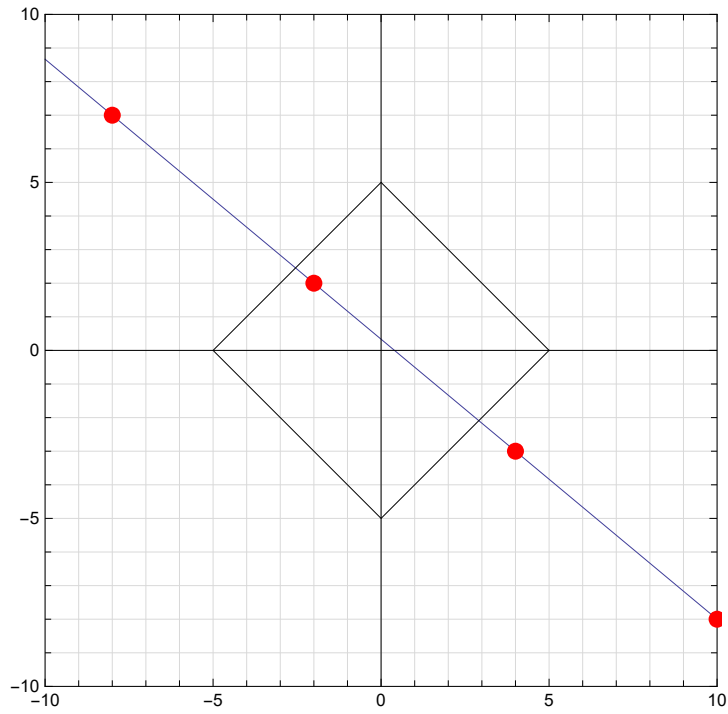
40.
 $6x + 7y = 3$
 $|x| + |y| < 7$



41.

$$5x + 6y = 2$$

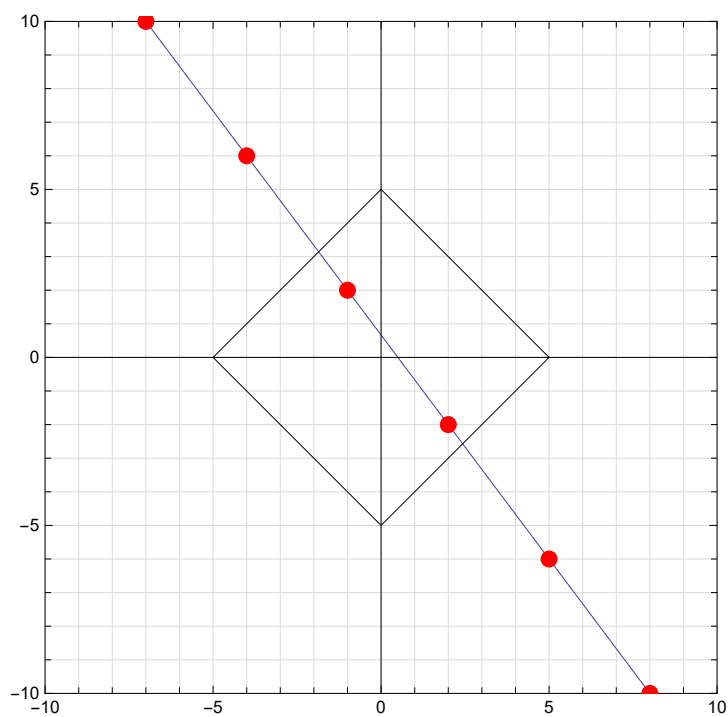
$$|x| + |y| < 5$$



42.

$$4x + 3y = 2$$

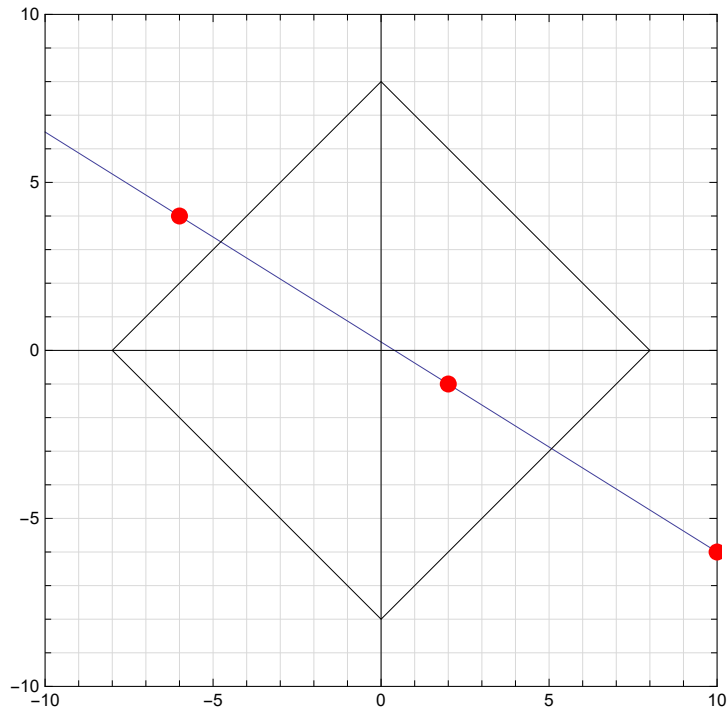
$$|x| + |y| < 5$$



43.

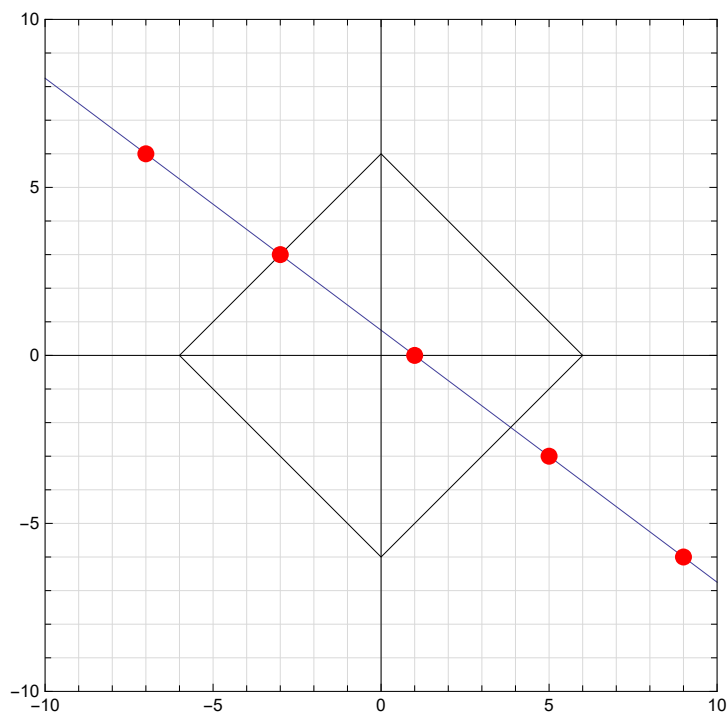
$$5x + 8y = 2$$

$$|x| + |y| < 8$$



44.

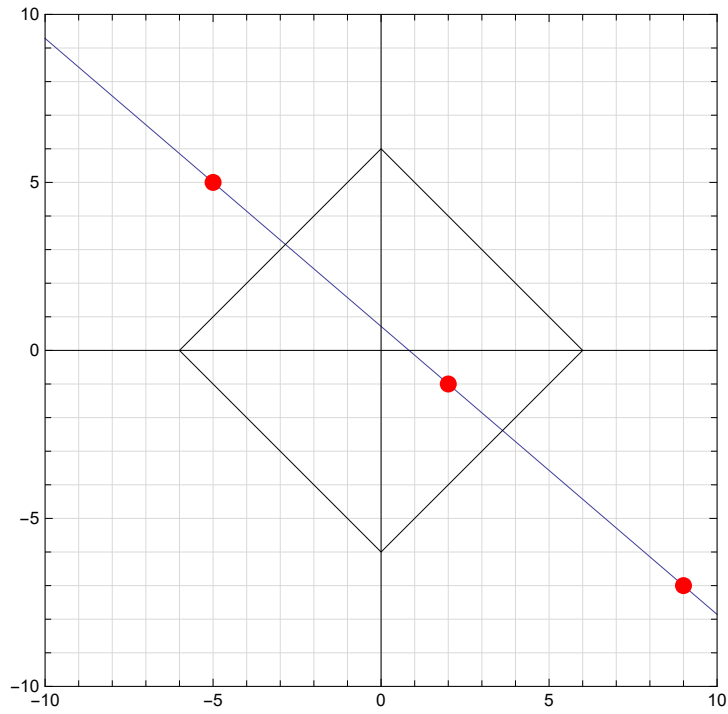
$$3x + 4y = 3$$
$$|x| + |y| < 6$$



45.

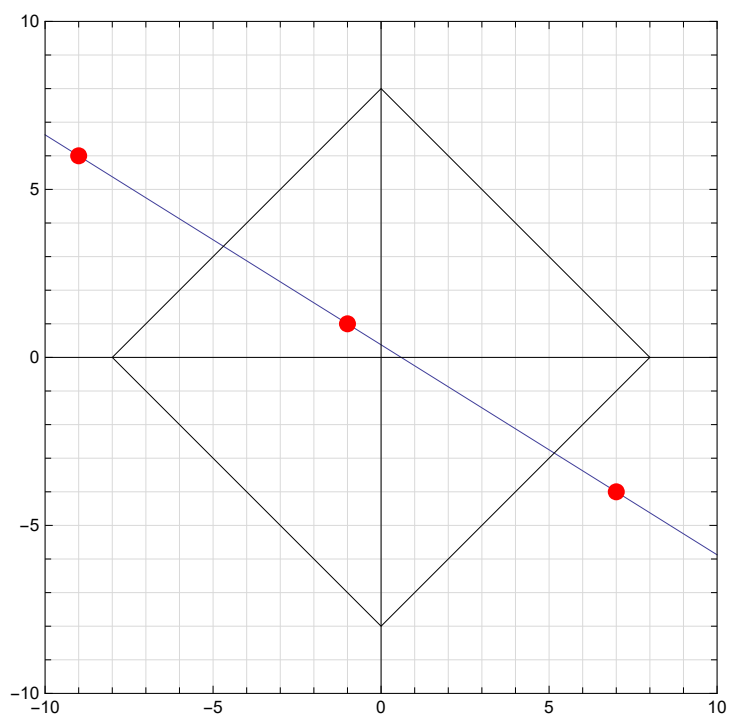
$$6x + 7y = 5$$

$$|x| + |y| < 6$$



46.

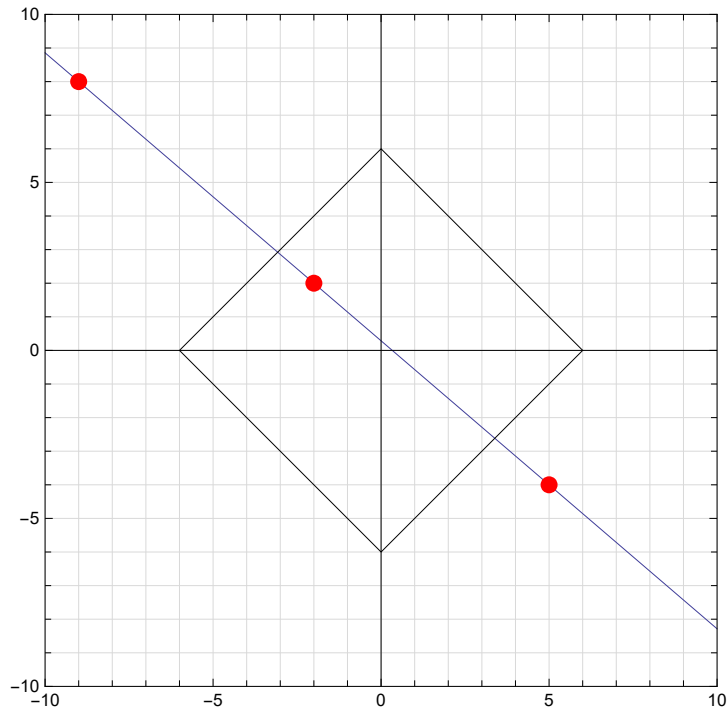
$$5x + 8y = 3$$
$$|x| + |y| < 8$$



47.

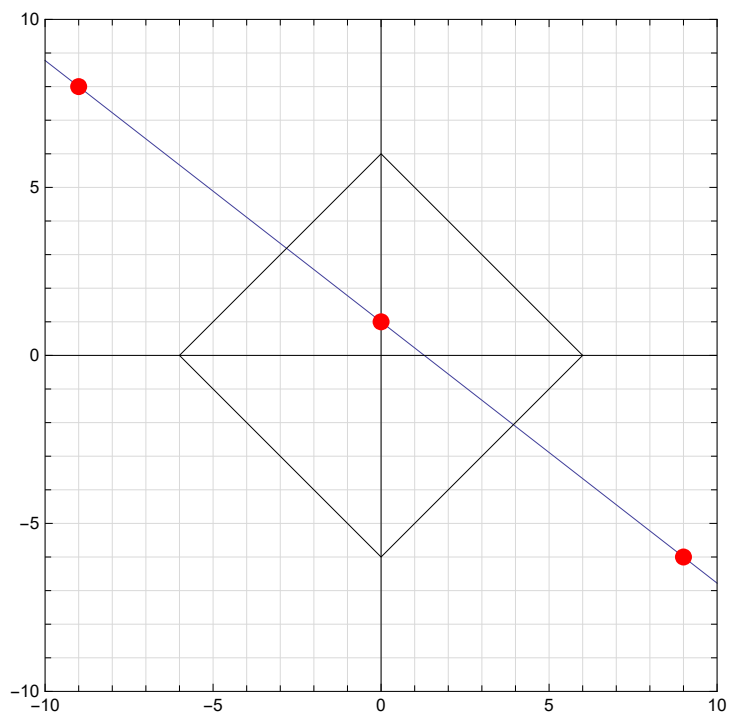
$$6x + 7y = 2$$

$$|x| + |y| < 6$$



48.

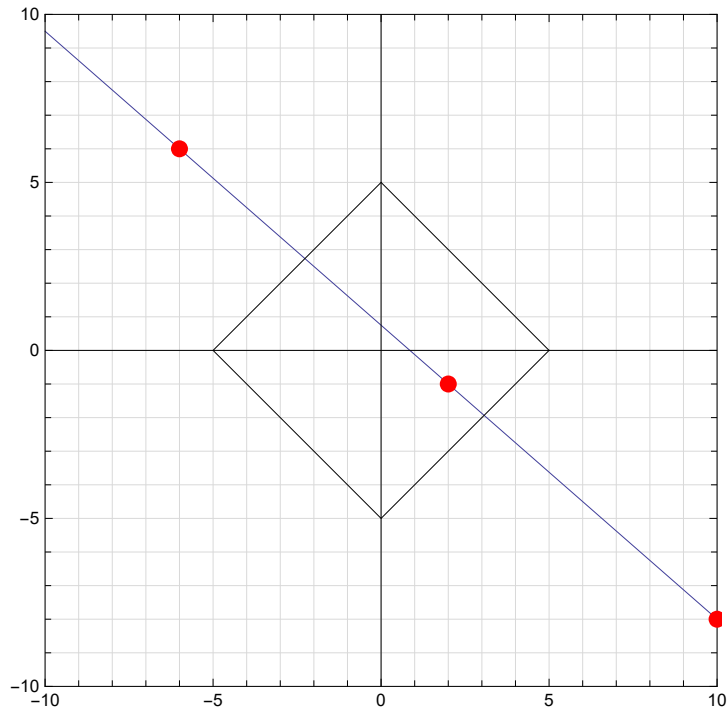
$$7x + 9y = 9$$
$$|x| + |y| < 6$$



49.

$$7x + 8y = 6$$

$$|x| + |y| < 5$$



50.
 $4x + 7y = 4$
 $|x| + |y| < 7$

