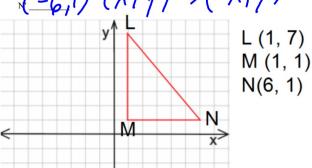
Graph and write the coordinates of the triangle below with each transformation

2. What are the coordinates of triangle LMN after a reflection across they axis $(X, Y) \rightarrow (-X, Y)$



5.

$$9ax + 9b - 6 = 21$$

9ax + 9b - 6 = 21 +6 +5Based on the equation above, what is the value

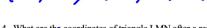
of ax + b?

B)

D) 12

$$\frac{9(ax + Ab = 27)}{9}$$

$$ax+b=3$$



4. What are the coordinates of triangle LMN after a reflection across the line y = x?

L'

N'

N'

()

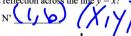
N'

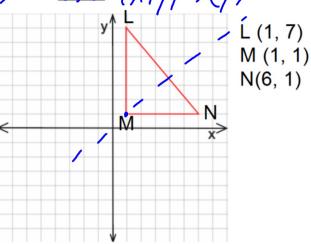
()

N'

()







6. Lani spent 15% of her 8-hour workday in meetings. How many minutes of her workday did she spend in meetings? 8x60 = 480mins

- A) 1.2
- B) 15

7. In the equation $(ax + 3)^2 = 36$, a is a constant. If

$$(-3a+3)^2 = 36$$

7. In the equation
$$(ax + 3)^2 = 36$$
, a is a constant. If $x = -3$ is one solution to the equation, what is a possible value of a ?

(-3 α +3) = 36

A) -11

B) -5

(-3 α +3 = \pm 6

C) -1

D) 0

-3 α =3, -9

 α =-1, 3