# General Algebra II Lesson #1 Unit 5 Class Worksheet #1 For Worksheets #1 and #2





1. 
$$T = 3x + 5y$$

$$T_{max} =$$
 at \_\_\_\_\_  
 $T_{min} =$  at \_\_\_\_\_



1. 
$$T = 3x + 5y$$

$$T_{max} =$$
\_\_\_\_ at \_\_\_\_  
 $T_{min} =$ \_\_\_\_ at \_\_\_\_

At A(-1,0) 
$$\implies$$
 T = -3 + 0 = -3



1. 
$$T = 3x + 5y$$

$$T_{max} = \underline{\qquad} at \underline{\qquad}$$
$$T_{min} = \underline{\qquad} at \underline{\qquad}$$

At A(-1,0) 
$$\implies$$
 T = -3 + 0 = -3  
At B(5,-1)  $\implies$  T = 15 + -5 = 10





1. 
$$T = 3x + 5y$$
  
 $T_{max} = \_\_\__at \_\_\____
 $T_{min} = \_\__at \_\_\____$   
At A(-1,0)  $\implies$   $T = -3 + 0 = -3$   
At B(5,-1)  $\implies$   $T = 15 + -5 = 10$   
At C(8,2)  $\implies$   $T = 24 + 10 = 34$$ 

At D(5,8)  $\longrightarrow$  T = 15 + 40 = 55



1. 
$$T = 3x + 5y$$
  
 $T_{max} = \_$  at \_\_\_\_\_  
 $T_{min} = \_$  at \_\_\_\_\_  
At A(-1,0)  $\implies$  T = -3 + 0 = -3  
At B(5,-1)  $\implies$  T = 15 + -5 = 10  
At C(8,2)  $\implies$  T = 24 + 10 = 34  
At D(5,8)  $\implies$  T = 15 + 40 = 55

At E(-1,5)  $\implies$  T = -3 + 25 = 22



1. 
$$T = 3x + 5y$$
  
 $T_{max} = 55$  at (5,8)  
 $T_{min} = at$   
At A(-1,0)  $\implies$   $T = -3 + 0 = -3$   
At B(5,-1)  $\implies$   $T = 15 + -5 = 10$   
At C(8,2)  $\implies$   $T = 24 + 10 = 34$   
At D(5,8)  $\implies$   $T = 15 + 40 = 55$   
At E(-1,5)  $\implies$   $T = -3 + 25 = 22$ 



1. 
$$T = 3x + 5y$$
  
 $T_{max} = 55$  at (5,8)  
 $T_{min} = -3$  at (-1,0)  
At A(-1,0)  $\implies$   $T = -3 + 0 = -3$   
At B(5,-1)  $\implies$   $T = 15 + -5 = 10$   
At C(8,2)  $\implies$   $T = 24 + 10 = 34$   
At D(5,8)  $\implies$   $T = 15 + 40 = 55$   
At E(-1,5)  $\implies$   $T = -3 + 25 = 22$ 



2. 
$$T = 6x \circ 2y$$
  
 $T_{max} = \_\_\__ at \_\_\___ at \_\_\____$ 



2. 
$$T = 6x \circ 2y$$
  
 $T_{max} = \_\_\__ at \_\_\___ at \_\_\____$ 

At A(-1,0) 
$$\implies$$
 T = -6 ó 0 = -6



2. 
$$T = 6x \circ 2y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$   $T = -6 \circ 0 = -6$   
At B(5,-1)  $\implies$   $T = 30 \circ -2 = 32$ 



2. 
$$T = 6x \circ 2y$$
  
 $T_{max} = \_ at \_$   
 $T_{min} = \_ at \_$   
At A(-1,0)  $\implies$   $T = -6 \circ 0 = -6$   
At B(5,-1)  $\implies$   $T = 30 \circ -2 = 32$   
At C(8,2)  $\implies$   $T = 48 \circ 4 = 44$ 



The **maximum** and the **minimum** values of T will occur at a vertex of the region.

2. 
$$T = 6x \circ 2y$$
  
 $T_{max} = \_ at \_$   
 $T_{min} = at \_$   
At A(-1,0)  $\implies$   $T = -6 \circ 0 = -6$   
At B(5,-1)  $\implies$   $T = 30 \circ -2 = 32$   
At C(8,2)  $\implies$   $T = 48 \circ 4 = 44$ 

At D(5,8)  $\longrightarrow$  T = 30 ó 16 = 14



The **maximum** and the **minimum** values of T will occur at a vertex of the region.

2. 
$$T = 6x \circ 2y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$  T = -6 \overline 0 = -6  
At B(5,-1)  $\implies$  T = 30 \overline -2 = 32  
At C(8,2)  $\implies$  T = 48 \overline 4 = 44  
At D(5,8)  $\implies$  T = 30 \overline 16 = 14

At E(-1,5)  $\implies$  T = -6  $\circ$  10 = -16



2. 
$$T = 6x \circ 2y$$
  
 $T_{max} = 44$  at (8,2)  
 $T_{min} = 2$  at \_\_\_\_\_

At A(-1,0) 
$$\implies$$
 T = -6  $\circ 0$  = -6

At B(5,-1)  $\longrightarrow$  T = 30  $\circ$  -2 = **32** 

At C(8,2)  $\implies$  T = 48 ó 4 = **44** 

At D(5,8)  $\implies$  T = 30 ó 16 = 14

At E(-1,5)  $\implies$  T = -6 ó 10 = -16



2. 
$$T = 6x \circ 2y$$
  
 $T_{max} = 44$  at (8,2)  
 $T_{min} = -16$  at (-1,5)

At A(-1,0) 
$$\implies$$
 T = -6  $\circ$  0 = -6

At B(5,-1)  $\longrightarrow$  T = 30  $\acute{o}$  -2 = **32** 

At C(8,2)  $\implies$  T = 48 ó 4 = **44** 

At D(5,8)  $\implies$  T = 30 ó 16 = 14

At E(-1,5)  $\implies$  T = -6 ó 10 = -16



3. 
$$T = x \circ 3y$$
  
 $T_{max} = \_\_\_ at \_\_\__$   
 $T_{min} = \_\_ at \_\_\_$ 



3. 
$$T = x \circ 3y$$
  
 $T_{max} = \_\_\_ at \_\_\_$   
 $T_{min} = \_\_ at \_\_\_$ 

At A(-1,0) 
$$\implies$$
 T = -1  $\circ 0$  = -1



3. 
$$T = x \circ 3y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$  T = -1  $\circ 0 = -1$   
At B(5,-1)  $\implies$  T = 5  $\circ -3 = 8$ 



3. 
$$T = x \circ 3y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$  T = -1  $\circ 0 = -1$   
At B(5,-1)  $\implies$  T = 5  $\circ -3 = 8$   
At C(8,2)  $\implies$  T = 8  $\circ 6 = 2$ 



3. 
$$T = x \circ 3y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$  T = -1  $\circ 0$  = -1  
At B(5,-1)  $\implies$  T = 5  $\circ -3 = 8$   
At C(8,2)  $\implies$  T = 8  $\circ 6 = 2$   
At D(5,8)  $\implies$  T = 5  $\circ 24 = -19$ 



3. 
$$T = x \circ 3y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$  T = -1  $\circ 0$  = -1  
At B(5,-1)  $\implies$  T = 5  $\circ -3 = 8$   
At C(8,2)  $\implies$  T = 8  $\circ 6 = 2$   
At D(5,8)  $\implies$  T = 5  $\circ 24 = -19$   
At E(-1,5)  $\implies$  T = -1  $\circ 15 = -16$ 



3. 
$$T = x \circ 3y$$
  
 $T_{max} = \underline{8}$  at  $\underline{(5,-1)}$   
 $T_{min} = \underline{3}$  at  $\underline{(5,-1)}$   
At A(-1,0)  $\Longrightarrow$  T = -1  $\circ 0$  = -1  
At B(5,-1)  $\Longrightarrow$  T = 5  $\circ -3 = 8$   
At C(8,2)  $\Longrightarrow$  T = 8  $\circ 6 = 2$   
At D(5,8)  $\Longrightarrow$  T = 5  $\circ 24 = -19$   
At E(-1,5)  $\Longrightarrow$  T = -1  $\circ 15 = -16$ 



3. 
$$T = x \circ 3y$$
  
 $T_{max} = \underline{8}$  at  $\underline{(5,-1)}$   
 $T_{min} = \underline{-19}$  at  $\underline{(5,8)}$   
At A(-1,0)  $\implies$  T = -1  $\circ 0$  = -1  
At B(5,-1)  $\implies$  T = 5  $\circ -3 = 8$   
At C(8,2)  $\implies$  T = 8  $\circ 6 = 2$   
At D(5,8)  $\implies$  T = 5  $\circ 24 = -19$   
At E(-1,5)  $\implies$  T = -1  $\circ 15 = -16$ 



4. 
$$T = x + 2y$$
  
 $T_{max} = \_$  at \_\_\_\_\_  
 $T_{min} = \_$  at \_\_\_\_\_



4. 
$$T = x + 2y$$
  
 $T_{max} = \_____ at \_____$   
 $T_{min} = \____ at \_____$ 

At A(-1,0) 
$$\implies$$
 T = -1 + 0 = -1



4. 
$$T = x + 2y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$   $T = -1 + 0 = -1$   
At B(5,-1)  $\implies$   $T = 5 + -2 = 3$ 



4. 
$$T = x + 2y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$  T = -1 + 0 = -1  
At B(5,-1)  $\implies$  T = 5 + -2 = 3  
At C(8,2)  $\implies$  T = 8 + 4 = 12



4. 
$$T = x + 2y$$
  
 $T_{max} = \_$  at  $\_$   
 $T_{min} = \_$  at  $\_$   
At A(-1,0)  $\implies$   $T = -1 + 0 = -1$   
At B(5,-1)  $\implies$   $T = 5 + -2 = 3$ 

At C(8,2)  $\longrightarrow$  T = 8 + 4 = 12

At D(5,8)  $\implies$  T = 5 + 16 = **21** 



4. 
$$T = x + 2y$$
  
 $T_{max} = \_____ at \_____
 $T_{min} = \___ at \_____$   
At A(-1,0)  $\implies T = -1 + 0 = -1$$ 

At B(5,-1)  $\longrightarrow$  T = 5 + -2 = 3

At C(8,2)  $\longrightarrow$  T = 8 + 4 = 12

At D(5,8)  $\implies$  T = 5 + 16 = **21** 

At E(-1,5)  $\longrightarrow$  T = -1 + 10 = 9



4. 
$$T = x + 2y$$
  
 $T_{max} = 21$  at (5,8)  
 $T_{min} = 21$  at \_\_\_\_\_

At A(-1,0) 
$$\implies$$
 T = -1 + 0 = -1  
At B(5,-1)  $\implies$  T = 5 + -2 = 3

At C(8,2)  $\longrightarrow$  T = 8 + 4 = 12

At D(5,8)  $\implies$  T = 5 + 16 = **21** 

At E(-1,5)  $\longrightarrow$  T = -1 + 10 = 9



4. 
$$T = x + 2y$$
  
 $T_{max} = 21$  at (5,8)  
 $T_{min} = -1$  at (-1,0)  
At A(-1,0)  $\implies$   $T = -1 + 0 = -1$   
At B(5,-1)  $\implies$   $T = 5 + -2 = 3$   
At C(8,2)  $\implies$   $T = 8 + 4 = 12$   
At D(5,8)  $\implies$   $T = 5 + 16 = 21$ 

At E(-1,5)  $\implies$  T = -1 + 10 = 9










































































































# **小**У - 12 (3,10) (-3,8) (12.75,3.5) (-3,3)Х $\rightarrow$ 8 - 12 -4 (3,-3) --4

#### General Algebra II CWS #1 Unit 5

The **maximum** and the **minimum** values of F will occur at a vertex of the region.

5. 
$$F = x + 2y$$
  
 $F_{max} = \_$  at \_\_\_\_\_  
 $F_{min} = \_$  at \_\_\_\_\_

# **м**У 12 (3,10) (-3,8) (12.75,3.5) $(-3,3)^{-1}$ × - 12 8 (3,-3) --4

#### General Algebra II CWS #1 Unit 5

The **maximum** and the **minimum** values of F will occur at a vertex of the region.

5. F = x + 2y  $F_{max} = \_____ at \_____$  $F_{min} = \____ at \_____$ 

At (3,10) 
$$\implies$$
 F = 3 + 20 = 23



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

5. F = x + 2y  $F_{max} = \_ at \_ \_$   $F_{min} = \_ at \_ \_$ At (3,10)  $\implies$  F = 3 + 20 = 23At (-3,8)  $\implies$  F = -3 + 16 = 13



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

5. F = x + 2y  $F_{max} = \_ at \_$   $F_{min} = \_ at \_$ At (3,10)  $\implies$  F = 3 + 20 = 23At (-3,8)  $\implies$  F = -3 + 16 = 13At (-3,3)  $\implies$  F = -3 + 6 = 3



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

5. F = x + 2y  $F_{max} = \______ at \______$  $<math>F_{min} = \_____ at \_\_____$  $At (3,10) \implies F = 3 + 20 = 23$   $At (-3,8) \implies F = -3 + 16 = 13$   $At (-3,3) \implies F = -3 + 6 = 3$  $At (3,-3) \implies F = 3 + -6 = -3$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

5. F = x + 2y  $F_{max} = \_____ at \_____$  $<math>F_{min} = \___ at \_\____$  $At (3,10) \implies F = 3 + 20 = 23$   $At (-3,8) \implies F = -3 + 16 = 13$   $At (-3,3) \implies F = -3 + 6 = 3$  $At (3,-3) \implies F = 3 + -6 = -3$ 

At  $(12.75, 3.5) \implies F = 12.75 + 7 = 19.75$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

5. F = x + 2y  $F_{max} = 23$  at (3,10)  $F_{min} =$  at \_\_\_\_\_\_ At (3,10)  $\implies$  F = 3 + 20 = 23At (-3,8)  $\implies$  F = -3 + 16 = 13At (-3,3)  $\implies$  F = -3 + 6 = 3At (3,-3)  $\implies$  F = 3 + -6 = -3

At  $(12.75, 3.5) \implies F = 12.75 + 7 = 19.75$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

5. F = x + 2y  $F_{max} = 23$  at (3,10)  $F_{min} = -3$  at (3,-3) At (3,10)  $\implies$  F = 3 + 20 = 23At (-3,8)  $\implies$  F = -3 + 16 = 13At (-3,3)  $\implies$  F = -3 + 6 = 3At (3,-3)  $\implies$  F = 3 + -6 = -3

At (12.75,3.5)  $\implies$  F = 12.75 + 7 = **19.75** 

#### **小**У - 12 (3,10) (-3,8) (12.75,3.5) (-3,3)Х $\rightarrow$ ÷ - 12 8 -4 (3,-3) --4

# General Algebra II CWS #1 Unit 5

The **maximum** and the **minimum** values of F will occur at a vertex of the region.
# **小**У - 12 (3,10) (-3,8) (12.75,3.5) (-3,3) $\stackrel{\mathrm{x}}{\rightarrow}$ 4 - 12 8 -4 (3,-3) --4

# General Algebra II CWS #1 Unit 5

6. 
$$F = 3x \text{ ó } 5y$$
  
 $F_{max} = \_ at \_$   
 $F_{min} = \_ at \_$ 

At (3,10) 
$$\implies$$
 F = 9 ó 50 = -41



6. 
$$F = 3x \circ 5y$$
  
 $F_{max} = \_ at \_$   
 $F_{min} = \_ at \_$   
At (3,10)  $\implies$   $F = 9 \circ 50 = -41$   
At (-3,8)  $\implies$   $F = -9 \circ 40 = -49$ 







The **maximum** and the **minimum** values of F will occur at a vertex of the region.

6.  $F = 3x \circ 5y$   $F_{max} = \_ at \_$   $F_{min} = \_ at \_$ At (3,10)  $\implies$   $F = 9 \circ 50 = -41$ At (-3,8)  $\implies$   $F = -9 \circ 40 = -49$ At (-3,3)  $\implies$   $F = -9 \circ 15 = -24$ At (3,-3)  $\implies$   $F = 9 \circ -15 = 24$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.



At (12.75,3.5)  $\implies$  F = 38.25 ó 17.5 = **20.75** 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.



At (12.75,3.5)  $\implies$  F = 38.25 ó 17.5 = **20.75** 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

6.  $F = 3x \circ 5y$   $F_{max} = \underline{24}$  at  $\underline{(3,-3)}$   $F_{min} = \underline{-49}$  at  $\underline{(-3,8)}$ At (3,10)  $\implies$   $F = 9 \circ 50 = -41$ At (-3,8)  $\implies$   $F = -9 \circ 40 = -49$ At (-3,3)  $\implies$   $F = -9 \circ 15 = -24$ At (3,-3)  $\implies$   $F = 9 \circ -15 = 24$ 

At (12.75,3.5)  $\implies$  F = 38.25 ó 17.5 = **20.75** 

#### **小**У - 12 (3,10) (-3,8) (12.75,3.5) (-3,3)Х $\rightarrow$ ÷ - 12 8 -4 (3,-3) --4

# General Algebra II CWS #1 Unit 5

7. 
$$F = 3x + y$$
  
 $F_{max} = \_$  at \_\_\_\_\_  
 $F_{min} = \_$  at \_\_\_\_\_

# **小**У - 12 (3,10) (-3,8) (12.75,3.5) (-3,3) $\stackrel{x}{\rightarrow}$ 4 - 12 8 -4 (3,-3) --4

# General Algebra II CWS #1 Unit 5

7. 
$$F = 3x + y$$
  
 $F_{max} = \_$  at \_\_\_\_\_  
 $F_{min} = \_$  at \_\_\_\_\_

At (3,10) 
$$\implies$$
 F = 9 + 10 = **19**



7. 
$$F = 3x + y$$
  
 $F_{max} = \_____ at \_____
 $F_{min} = \____ at \_____
At (3,10) \implies F = 9 + 10 = 19$   
 $At (-3,8) \implies F = -9 + 8 = -1$$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

7. F = 3x + y  $F_{max} = \_$  at  $\_$   $F_{min} = \_$  at  $\_$ At (3,10)  $\implies$  F = 9 + 10 = 19At (-3,8)  $\implies$  F = -9 + 8 = -1At (-3,3)  $\implies$  F = -9 + 3 = -6



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

7. F = 3x + y  $F_{max} = _____ at _____$  $<math>F_{min} = ____ at _____$  $At (3,10) \implies F = 9 + 10 = 19$   $At (-3,8) \implies F = -9 + 8 = -1$   $At (-3,3) \implies F = -9 + 3 = -6$  $At (3,-3) \implies F = 9 + -3 = 6$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.



At  $(12.75, 3.5) \implies F = 38.25 + 3.5 = 41.75$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

7. F = 3x + y  $F_{max} = 41.75$  at (12.75,3.5)  $F_{min} =$  at \_\_\_\_\_\_ At (3,10)  $\implies$  F = 9 + 10 = 19At (-3,8)  $\implies$  F = -9 + 8 = -1At (-3,3)  $\implies$  F = -9 + 3 = -6At (3,-3)  $\implies$  F = 9 + -3 = 6

At  $(12.75, 3.5) \implies F = 38.25 + 3.5 = 41.75$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

7. F = 3x + y  $F_{max} = 41.75$  at (12.75,3.5)  $F_{min} = -6$  at (-3,3) At (3,10)  $\implies$  F = 9 + 10 = 19At (-3,8)  $\implies$  F = -9 + 8 = -1At (-3,3)  $\implies$  F = -9 + 3 = -6At (3,-3)  $\implies$  F = 9 + -3 = 6

At  $(12.75, 3.5) \implies F = 38.25 + 3.5 = 41.75$ 



8. 
$$F = 4x \circ 2y$$
  
 $F_{max} = \_____ at \_____$   
 $F_{min} = \____ at \_____$ 

# **小**У - 12 (3,10) (-3,8) (12.75,3.5) (-3,3) $\stackrel{x}{\rightarrow}$ 4 - 12 8 -4 (3,-3) --4

## General Algebra II CWS #1 Unit 5

8. 
$$F = 4x \text{ ó } 2y$$
  
 $F_{max} = \_ at \_$   
 $F_{min} = \_ at \_$ 

At (3,10) 
$$\implies$$
 F = 12 ó 20 = -8



8. 
$$F = 4x \circ 2y$$
  
 $F_{max} = \_\_\_\_ at \_\_\_\____ at []_____ At (3,10) \implies F = 12 \circ 20 = -8$   
 $At (-3,8) \implies F = -12 \circ 16 = -28$ 







The **maximum** and the **minimum** values of F will occur at a vertex of the region.

8.  $F = 4x \circ 2y$   $F_{max} = \______ at \_____$  $<math>F_{min} = \____ at \_\____$  $At (3,10) \implies F = 12 \circ 20 = -8$   $At (-3,8) \implies F = -12 \circ 16 = -28$   $At (-3,3) \implies F = -12 \circ 6 = -18$  $At (3,-3) \implies F = 12 \circ -6 = 18$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

8.  $F = 4x \circ 2y$  $F_{max} = \______ at \______ at \______ f_{min} = \_____ at \_\_____ at \_\_____ at \_\_____ at [...] f_{min} = \_____ at [...] f_{min} = \_____ at [...] f_{min} = \____ at [...] f_{min} = \_____ at [...] f_{min} = \______ at [...] f_{min} = \_______ at [...] f_{min} = \_______ at [...] f_{min} = \______ at [...] f_{min} = \_______ at [...] f_{min} = \________ at [...] f_{min} = \_________ at [...] f_{min} = \________ at [...] f_{min} = \_________ at [...] f_{min} = \________ at [...] f_{min}$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

8.  $F = 4x \circ 2y$   $F_{max} = 44$  at (12.75,3.5)  $F_{min} = 12 \circ 20 = -8$ At (3,10)  $\implies$   $F = 12 \circ 20 = -8$ At (-3,8)  $\implies$   $F = -12 \circ 16 = -28$ At (-3,3)  $\implies$   $F = -12 \circ 6 = -18$ At (3,-3)  $\implies$   $F = 12 \circ -6 = 18$ At (12.75,3.5)  $\implies$   $F = 51 \circ 7 = 44$ 



The **maximum** and the **minimum** values of F will occur at a vertex of the region.

8.  $F = 4x \circ 2y$   $F_{max} = 44$  at (12.75,3.5)  $F_{min} = -28$  at (-3,8) At (3,10)  $\implies$   $F = 12 \circ 20 = -8$ At (-3,8)  $\implies$   $F = -12 \circ 16 = -28$ At (-3,3)  $\implies$   $F = -12 \circ 6 = -18$ At (3,-3)  $\implies$   $F = 12 \circ -6 = 18$ 

At  $(12.75, 3.5) \implies F = 51 \text{ ó } 7 = 44$ 



At  $(12.75, 3.5) \implies F = 51 \text{ ó } 7 = 44$