

$$y = -x^2 + 6x \tag{1}$$

$$\begin{cases} y = -x^2 + 6x \\ y = x + 4 \end{cases}$$

$$x + 4 = -x^2 + 6x$$

$$x^2 - 5x + 4 = 0$$

$$x_{1,2} = \frac{5 \pm 3}{2}$$

$$\left. \begin{aligned} x_1 = \frac{5+4}{2} = \frac{8}{2} = 4 &\rightarrow y = 4+4 = 8 \rightarrow \boxed{B(4,8)} \\ x_2 = \frac{5-3}{2} = \frac{2}{2} = 1 &\rightarrow y = 1+4 = 5 \rightarrow \boxed{A(1,5)} \end{aligned} \right\} \leftarrow x_B > x_A$$

. B(4,8) , A(1,5) :

$$. x = 3 \tag{2}$$

$$(1 < x < 4 \quad x)$$

. , x = 3 :

$$. y = 0 \tag{1}$$

$$\begin{aligned} 0 &= -x^2 + 6x \\ 0 &= x(-x + 6) \\ x = 0 &\rightarrow (0, 0) \\ -x + 6 = 0 &\rightarrow x = 6 \rightarrow (6, 0) \end{aligned}$$

. (0,0) (6,0) :

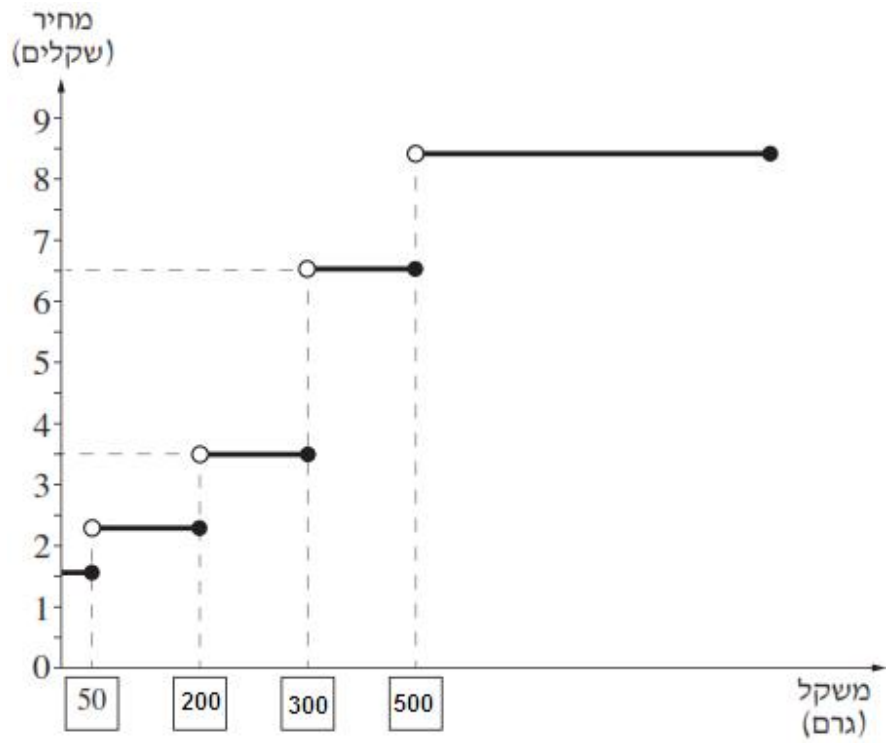
$$, x = \tag{2}$$

$$. 6 = 0 \quad x$$

. 0 < x < 6 :



..... ( ) , .....  
 .( 201) ( 50) , .....



|          |         |         |        |      |     |
|----------|---------|---------|--------|------|-----|
| 1000-501 | 500-351 | 350-201 | 200-51 | 50   | ( ) |
| 8.4      | 6.5     | 3.5     | 2.30   | 1.60 | ( ) |

.500-351 , 410  
 . 6.5 :

.  $8.4 - 6.5 = 1.9$  ,  $6.5 - 3.5 = 3$  ,  $3.5 - 2.30 = 1.2$  ,  $2.30 - 1.60 = 0.7$

3 :

. 30 , .....

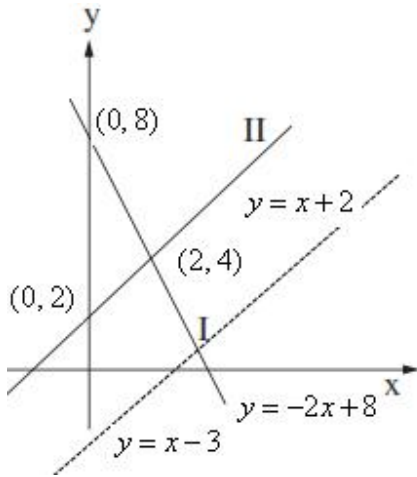
$2 \cdot 1.60 = 3.2$  :

.  $2.30$  : , 60 , .....

.  $3.2 - 2.30 = 0.9$  :

.( 90) 0.9 :

• (0, 8) y -  
 • (0, 8) y -  
 • (0, 2) y -  
 y -



2 y = 2x + 8  
 -2 y = -2x + 8  
 1 y = x + 2  
 , y = -2x + 8 I :  
 . y = x + 2 II ,  
 ,( ) y = -2x + 8 I :  
 .( ) y = x + 2 II

: II - I

$$\begin{cases} y = x + 2 \\ y = -2x + 8 \end{cases}$$

$$x + 2 = -2x + 8$$

$$3x = 6 \quad /:3$$

$$x = 2 \rightarrow y = 2 + 2 = 4 \rightarrow \boxed{(2, 4)}$$

• (2, 4) II - I :

• (5, 2) 1 II .

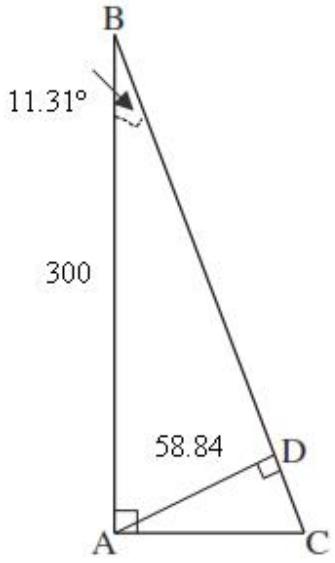
:

$$y - 2 = 1(x - 5)$$

$$y - 2 = x - 5$$

$$\boxed{y = x - 3}$$

• y = x - 3 :



, 3 AB .  
 $3 \cdot 100 = \text{" } 300$

$\Delta ABC$

$$\tan \sphericalangle ABC = \frac{AC}{AB}$$

$$\tan \sphericalangle ABC = \frac{60}{300}$$

$$\boxed{\sphericalangle ABC = 11.31^\circ}$$

.  $\sphericalangle ABC = 11.31^\circ$  :

. BC AD .

$\Delta ABD$

$$\sin \sphericalangle ABC = \frac{AD}{AB}$$

$$\sin 11.31^\circ = \frac{AD}{300}$$

$$300 \sin 11.31^\circ = AD$$

$$\boxed{AD = 58.84}$$

. AD = " 58.84 :

.  $\sphericalangle BAC = 90^\circ$  , AC AB

(  $\frac{0.6 \cdot 3}{2} = \text{" } 0.9$  )  $S_{\Delta ABC} = \frac{AC \cdot AB}{2} = \frac{60 \cdot 300}{2} = 9,000 \rightarrow \boxed{S_{\Delta ABC} = 9,000}$

. ( " 0.9 ) " 9,000 ABC :

|   |   |   |    |   |   |     |
|---|---|---|----|---|---|-----|
| 5 | 4 | 3 | 2  | 1 | 0 | (x) |
| 2 | 8 | ? | 10 | 9 | 7 | (f) |

0.20% = 0.2

( 10 ) 2

$$\frac{10}{n} = 0.2 \quad / \cdot 0.2$$

$$10 = 0.2n \quad / : 0.2$$

$$\boxed{n = 50}$$

$N = f_1 + f_2 + \dots + f_n$

$50 - 7 - 9 - 10 - 8 - 2 = 14$

$$\bar{x} = \frac{x_1 f_1 + x_2 f_2 + \dots + x_n f_n}{N}$$

|   |   |    |    |   |   |     |
|---|---|----|----|---|---|-----|
| 5 | 4 | 3  | 2  | 1 | 0 | (x) |
| 2 | 8 | 14 | 10 | 9 | 7 | (f) |

$$\bar{x} = \frac{0 \cdot 7 + 1 \cdot 9 + 2 \cdot 10 + 3 \cdot 14 + 4 \cdot 8 + 5 \cdot 2}{50} = \frac{113}{50}$$

$\bar{x} = 2.26$

2.26

$(\frac{50}{2} = 25) \quad 26 - 25 =$

(50)

|    |    |    |    |    |   |     |
|----|----|----|----|----|---|-----|
| 5  | 4  | 3  | 2  | 1  | 0 | (x) |
| 2  | 8  | 14 | 10 | 9  | 7 | (f) |
| 50 | 48 | 40 | 26 | 16 | 7 |     |

2

( )

2