

. " $\frac{175 - 160}{15} = 15$, .
 . 15 - :
 . x - .
 . 20% 15 , 20% -

$$\frac{20}{100} \cdot x = 15$$

$$0.2x = 15 \quad / : 0.2$$

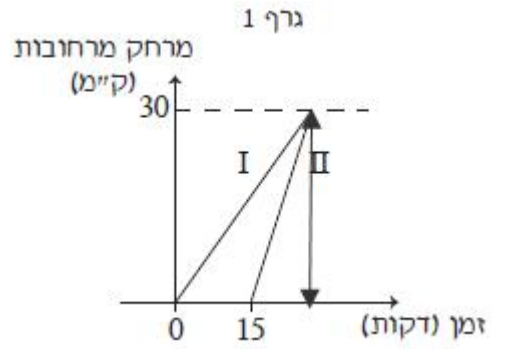
$$x = 75$$
 . 75 :
 . $75 - 15 = 60$, 160 .
 . $160 - 60 = 100$ " ,
 . " 0.16 , " y -

$$0.16 \cdot y = 100 \quad / : 0.16$$

$$y = 625$$
 . " 625 :

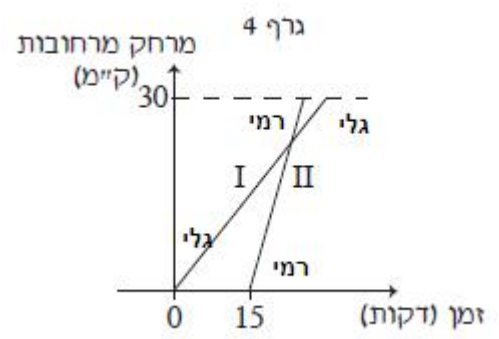
I .
 ,
 15 , II
 II , I :

1 .



1 :

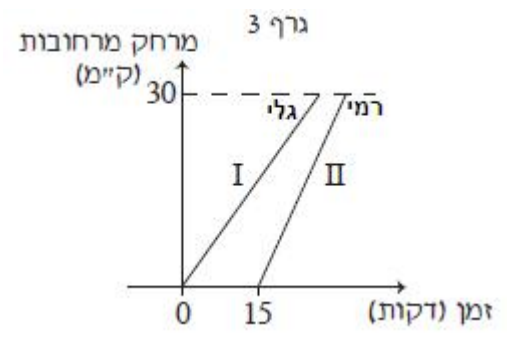
4 .



4 :

3 .

(, ,)



3 :

$(\frac{1}{3}) y = \frac{1}{3}x - 3$

$(3) y = 3x + 5$

$x = 0 \quad y$

$y_G = 3 \cdot 0 + 5 = 5 \rightarrow \boxed{G(0, 5)}$

$y_K = \frac{1}{3} \cdot 0 - 3 = -3 \rightarrow \boxed{K(0, -3)}$

:H ,

$$\begin{cases} y = 3x + 5 \\ y = \frac{1}{3}x - 3 \end{cases}$$

$3x + 5 = \frac{1}{3}x - 3 \quad / \cdot 3$

$9x + 15 = x - 9$

$8x = -24 \quad / : 8$

$x = -3 \rightarrow y = 3 \cdot (-3) + 5 = -4 \rightarrow \boxed{H(-3, -4)}$

H(-3, -4) , K(0, -3) , G(0, 5) :

(y - K - G) GK

$(\cdot) 5 - (-3) = 8$

8 y :

$x_F = 0 \quad y - F$

.HF

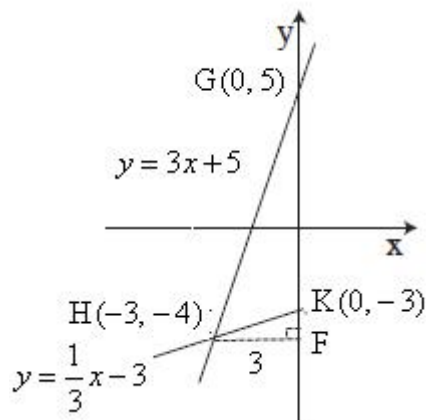
$HF = x_F - x_H = 0 - (-3) = 3$

3 :

.GHK

$S_{\Delta GHK} = \frac{GK \cdot HF}{2} = \frac{8 \cdot 3}{2} = 12$

" 12 GHK :



$\triangle BCD$

$$\cos \sphericalangle BDC = \frac{DC}{DB}$$

$$\cos 32^\circ = \frac{DC}{14}$$

$$14 \cos 32^\circ = DC$$

$$\boxed{DC = 11.87}$$

$\triangle BCD$

$\triangle BCD$

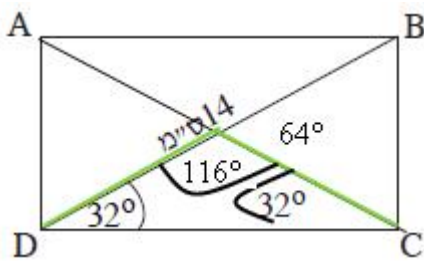
$$\sin \sphericalangle BDC = \frac{BC}{DB}$$

$$\sin 32^\circ = \frac{BC}{14}$$

$$14 \sin 32^\circ = BC$$

$$\boxed{BC = 7.419}$$

" 11.87 DC , " 7.419 BC :



$$P = 2 \cdot BC + 2 \cdot DC$$

$$P = 2 \cdot 7.419 + 2 \cdot 11.87 = 38.58$$

" 38.58 :

$$S = BC \cdot DC$$

$$S = 7.419 \cdot 11.87 = 88.06$$

" 88.06 :

$\triangle DOC$

$$\sphericalangle OCD = 32^\circ$$

$$180^\circ$$

$$\sphericalangle DOC = 180^\circ - (32^\circ + 32^\circ) = 116^\circ$$

$$\sphericalangle BOC = 180^\circ - 116^\circ = 64^\circ$$

" 64° :

10	9	8	7	6	5	(x)
4	7	3	6	4	1	(f)
25	21	14	11	5	1	

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

$$N = 1 + 4 + 6 + 3 + 7 + 4$$

$$\boxed{N = 25}$$

25 :

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

$$\bar{x} = \frac{5 \cdot 1 + 6 \cdot 4 + 7 \cdot 6 + 8 \cdot 3 + 9 \cdot 7 + 10 \cdot 4}{25} = \frac{195}{25}$$

$$\boxed{\bar{x} = 7.92}$$

. 7.92 :

$$\frac{25+1}{2} = \frac{26}{2} = 13 \quad (25)$$

13 -

.8 8

.9 ,

.9 8 :

.() 9 - 7

. 9 7 8 3 , 7 6

$$p = \frac{6+3+7}{25} = \frac{16}{25} = 0.64$$

1?0.641 () 9 - 7 1 1K

36 "

	1	2	3	4	5	6
1	0	1	2	3	4	5
2	1	0	1	2	3	4
3	2	1	0	1	2	3
4	3	2	1	0	1	2
5	4	3	2	1	0	1
6	5	4	3	2	1	0

.()

.0, 1, 2, 3, 4, 5 :

:4 -

.(1, 5), (2, 6), (5, 1), (6, 2) :

.3

6

$$p = \frac{6}{36} = \frac{1}{6} :$$

$$\frac{1}{6} \quad 3 :$$