

(B A)

.4- 3

3

3 :

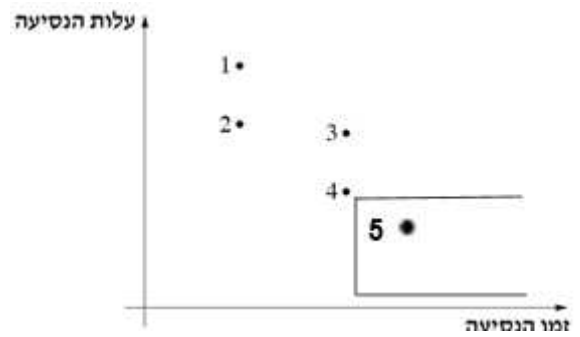
.2- 1

2

2 :

1

B A

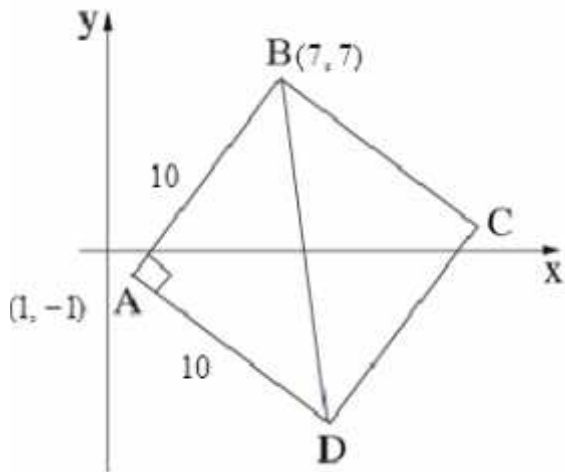


4

5

.5

:



• , B(7, 7) - A(1, -1) , AB

$$d_{AB} = \sqrt{(7-1)^2 + (7-(-1))^2} = \sqrt{100} = 10$$

• 10 AB :

$$S_{ABCD} = 10 \cdot 10 = 100$$

• " 100 :

ΔDBA

$$(AB)^2 + (AD)^2 = (BD)^2$$

$$10^2 + 10^2 = (BD)^2$$

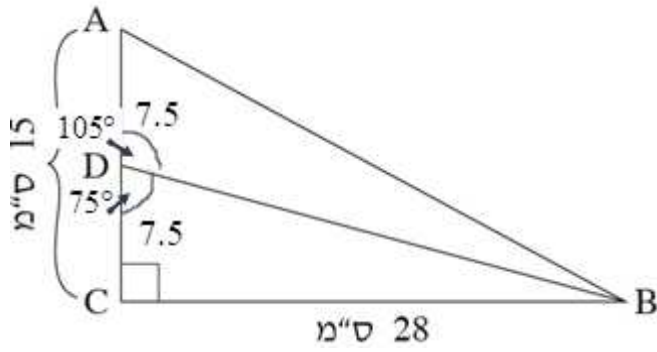
$$200 = (BD)^2$$

$$\sqrt{200} = BD$$

$$BD = " 14.14$$

• " 14.14 :

. $DC = AD = \frac{15}{2} = 7.5$, ABC BD .



. $\sphericalangle CDB$

$\triangle CDB$

$$\tan \sphericalangle CDB = \frac{BC}{DC}$$

$$\tan \sphericalangle CDB = \frac{28}{7.5}$$

$$\boxed{\sphericalangle CDB = 75^\circ}$$

. $\sphericalangle CDB = 75^\circ$:

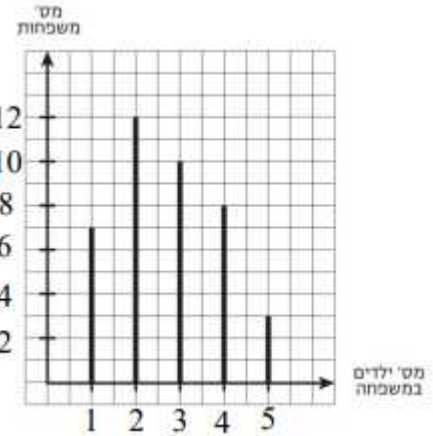
. 180° -

$$\sphericalangle ADB = 180^\circ - 75^\circ = 105^\circ$$

. $\sphericalangle ADB = 105^\circ$:

:

5	4	3	2	1	(x)
3	8	10	12	7	(f)



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

$$. 7 + 12 + 10 + 8 + 3 = 40$$

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

$$\bar{x} = \frac{1 \cdot 7 + 2 \cdot 12 + 3 \cdot 10 + 4 \cdot 8 + 5 \cdot 3}{40} = \frac{108}{40}$$

$$\boxed{\bar{x} = 2.7}$$

$$. 2.7$$

$$. \left(\frac{40+1}{2} = 20.5 \right) \quad 21 - \quad 20 -$$

,(40)

5	4	3	2	1	(x)
3	8	10	12	7	(f)
40	37	29	19	7	

3

,(3)

3

(12 , 2)

) 2

36 "

	1	2	3	4	5	6
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12

.12

,
()

$\frac{1}{36}$:

.5 -

.(1, 1), (1, 2), (1, 3), (2, 1), (2, 2), (3, 1) : ()

$\frac{6}{36} = \frac{1}{6}$, 6 "

$\frac{1}{6}$:

$\frac{18}{36} = \frac{1}{2}$, 18 " ,(-) 3

$\frac{1}{2}$: