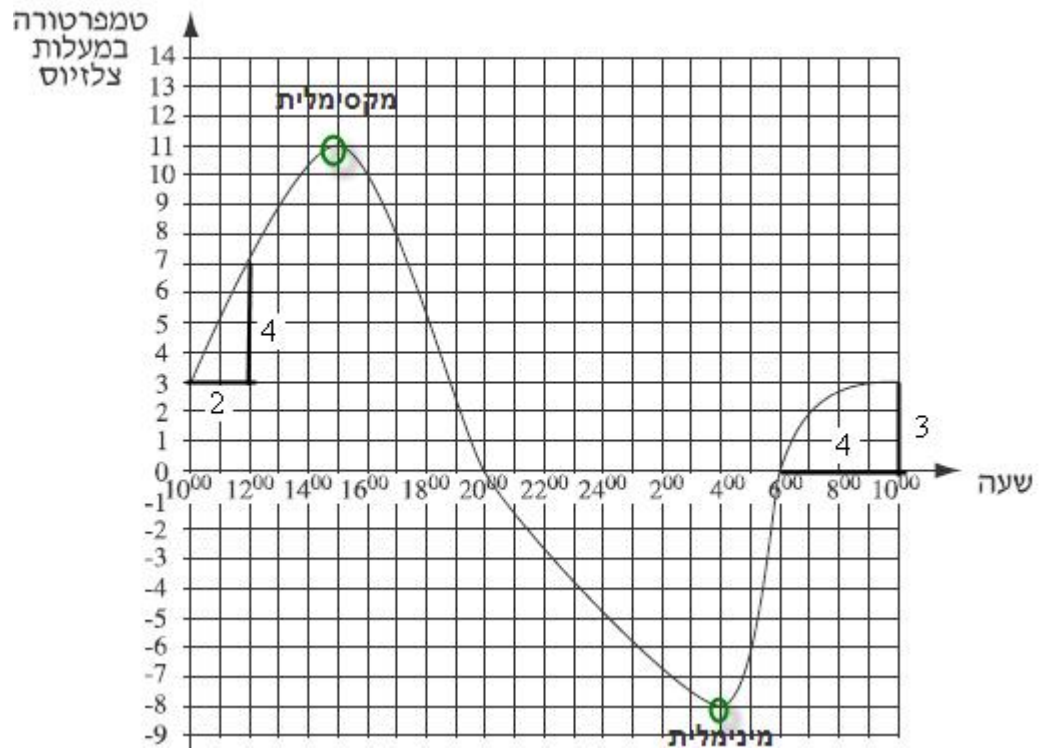


()



.(11) .15⁰⁰

.(-8) .04⁰⁰

. (11 - (-8)) = 19 19

(7 - 3 = 4) 4 - (2) 12⁰⁰ 10⁰⁰

($\frac{4}{2} = 2$) 2

(3 - 0 = 3) 3 - (4) 10⁰⁰ 6⁰⁰

($\frac{3}{4}$) $\frac{3}{4}$

12⁰⁰ 10⁰⁰ :

()

.()

04⁰⁰ 15⁰⁰

,F ,

$$F = \frac{9}{5}C + 32 \quad ; \quad C ,$$

99°F

: F 99

$$99 = \frac{9}{5}C + 32 \quad / \cdot 5$$

$$495 = 9C + 160$$

$$335 = 9C \quad / : 9$$

$$\frac{335}{9} = C$$

$$\boxed{C = 37.2}$$

. 37.6 -

101°F

: F 101

$$101 = \frac{9}{5}C + 32 \quad / \cdot 5$$

$$505 = 9C + 160$$

$$345 = 9C \quad / : 9$$

$$\frac{345}{9} = C$$

$$\boxed{C = 38.33}$$

. 37.6 -

$$5 \quad F = \frac{9}{5}C + 32$$

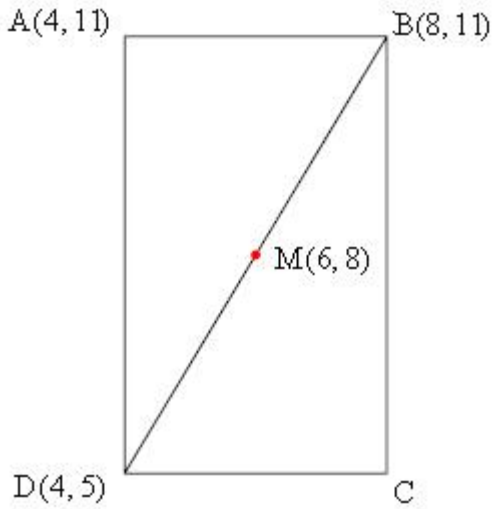
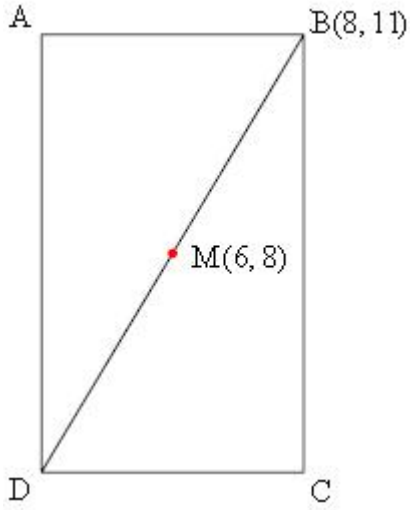
$$F = \frac{9}{5}C + 32 \quad / \cdot 5$$

$$5F = 9C + 160$$

$$5F - 160 = 9C \quad / : 9$$

$$\boxed{C = \frac{5F - 160}{9}}$$

$$C = \frac{5F - 160}{9} \quad :$$



$$y_M = \frac{y_B + y_D}{2} \qquad x_M = \frac{x_B + x_D}{2}$$

$$8 = \frac{11 + y_D}{2} \quad / \cdot 2 \qquad 6 = \frac{8 + x_D}{2} \quad / \cdot 2$$

$$16 = 11 + y_D \qquad 12 = 8 + x_D$$

$$\boxed{y_D = 5} \qquad \boxed{x_D = 4}$$

.D(4, 5) :

D(-2, 10) :

y - - x -
x - - y -

A(4, 11) :

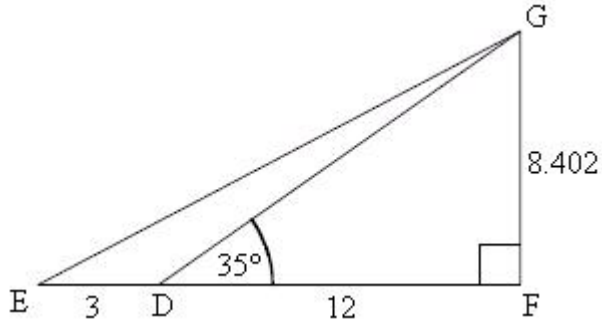
A(4, 11) :

$$AB = 8 - 4 = 4$$

$$AD = 11 - 5 = 6$$

$$S = AB \cdot AD = 4 \cdot 6 = 24 :$$

. " 24 :



GF

$\triangle GDF$

$$\tan \angle GDF = \frac{GF}{DF}$$

$$\tan 35^\circ = \frac{GF}{12}$$

$$12 \tan 35^\circ = GF$$

$$\boxed{GF = 8.402}$$

.GDF

$$S = \frac{a \cdot h}{2} :$$

GDF

$$S_{\triangle GDF} = \frac{DF \cdot GF}{2}$$

$$S_{\triangle GDF} = \frac{12 \cdot 8.402}{2}$$

$$\boxed{S_{\triangle GDF} = 50.41}$$

" 50.41 GDF :

ED DF GF GDF
 GF GDE

$$\frac{DF}{ED} = \frac{12}{3} = 4$$

4 GDE

GDE

GF GDE

. ED

$$S_{\Delta GDE} = \frac{ED \cdot GF}{2} = \frac{3 \cdot 8.402}{2}$$

$$\boxed{S_{\Delta GDE} = 12.603}$$

$$\frac{S_{\Delta GDF}}{S_{\Delta GDE}} = \frac{50.41}{12.603} = 4$$

GDF :

∠GEF

ΔGEF

$$\tan \angle GEF = \frac{GF}{EF}$$

$$\tan \angle GEF = \frac{8.402}{15}$$

$$\boxed{\angle GEF = 29.25^\circ}$$

. 29.25° ∠GEF :

10	8	7	6	5	(x)
1	4	3	4	3	(f)

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

$$N = 3 + 4 + 3 + 4 + 1$$

$$N = 15$$

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

$$\bar{x} = \frac{5 \cdot 3 + 6 \cdot 4 + 7 \cdot 3 + 8 \cdot 4 + 10 \cdot 1}{15}$$

$$\bar{x} = \frac{102}{15}$$

$$\bar{x} = 6.8$$

6.8

10	8	7	6	5	(x)
1	4	3	4	3	(f)
15	14	10	7	3	

$$\frac{15+1}{2} = \frac{16}{2} = 8$$

5, 5, 5, 6, 6, 6, 6, 7, 7, 7, 8, 8, 8, 8, 10 :

:

~~5~~, ~~5~~, ~~5~~, ~~6~~, ~~6~~, ~~6~~, ~~6~~, 7, ~~7~~, ~~7~~, ~~8~~, ~~8~~, ~~8~~, ~~8~~, 10

35801

10

, 1 :
 . 3 2
 $\cdot \frac{1}{6}$, 6 .

$$2 P() = \frac{2}{6} = \frac{1}{3}$$

$\cdot \frac{1}{3}$ 2 :

, 2 1 .
 $P(3 -) = P(1 - 2) = \frac{3+2}{6} = \frac{5}{6}$

$\cdot \frac{5}{6}$ 3 - :

, 3 1 .
 $P(2 -) = P(1 - 3) = \frac{3+1}{6} = \frac{4}{6} = \frac{2}{3}$

$\cdot \frac{2}{3}$ 2 :