

$$.20\% - \quad , \quad 400$$

$$,20\% -$$

$$\frac{100+20}{100} = 1.2$$

$$400 \cdot 1.2 = 480 :$$

$$480$$

:

,

$$. \quad 360$$

$$.480 - 360 = 120 :$$

$$\frac{120}{480} \cdot 100 = 25\%$$

$$480$$

$$360$$

$$\frac{360}{480} = 0.75$$

$$0.75 = 0.75 \cdot 100\% = 75\% :$$

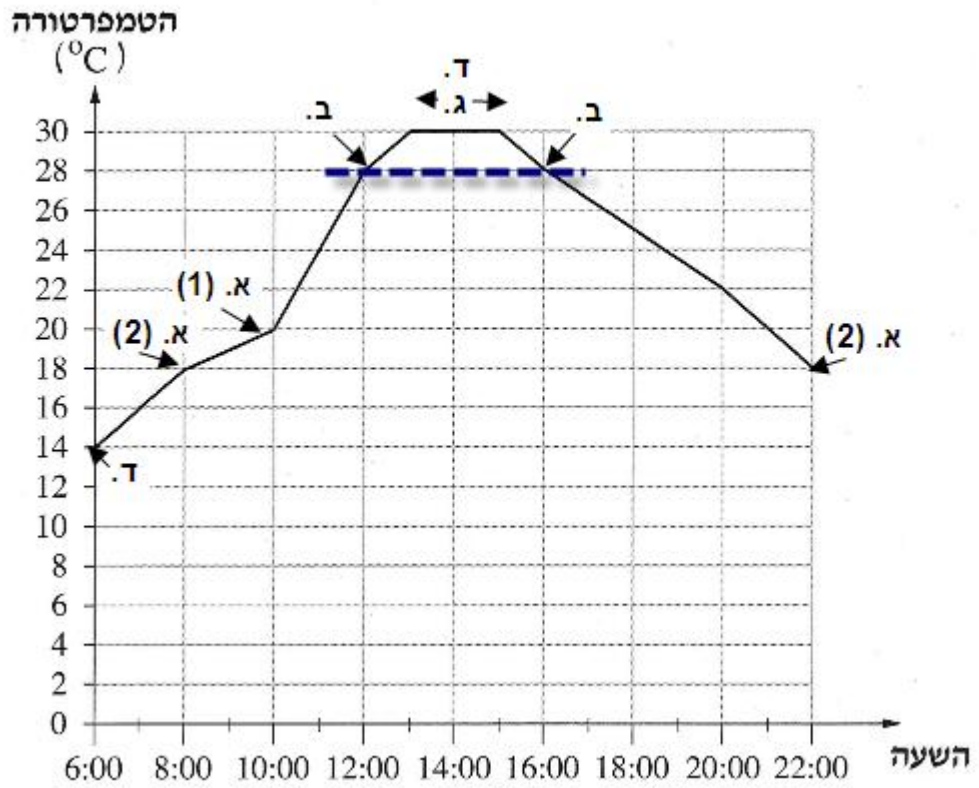
$$. \quad 480$$

$$25\%$$

$$. \quad 360$$

,

$$25\% :$$



.20°

10:00

(1) .

.22:00 - 8:00

18°

(2)

.16:00 - 12:00

28°

.15:00 - 13:00

.(15:00 - 13:00) 30°

.(6:00) 14°

(30° - 14° = 16°) .16°

.() 16° -

(8) 14:00 6:00 .

.(16/8 = 4)

2

.139 - 34

8 , 6

$a_8 = 139 - a_1 = 34$

$a_n = a_1 + (n-1)d :$

$a_8 = 139$

$139 = 34 + (8-1)d$

$105 = 7d \quad /:7$

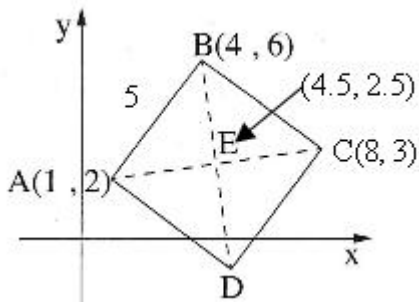
$d = 15$

.15 :

: 15 , , .

34, 49, 64, 79, 94, 109, 124, 139

. 34, 49, 64, 79, 94, 109, 124, 139 :



$$d_{AB} = \sqrt{(1-4)^2 + (2-6)^2} = 5$$

.5 :

$$S_{ABCD} = (AB)^2 = 5^2 = 25$$

.25 :

. E(4.5, 2.5)

. AC

E

. A(1, 2)

E(4.5, 2.5)

, C

$$\left. \begin{aligned} 4.5 &= \frac{1+x_C}{2} & 2.5 &= \frac{2+y_C}{2} \\ 9 &= 1+x_C & 5 &= 2+y_C \\ 8 &= x_C & 3 &= y_C \end{aligned} \right\} C(8, 3)$$

. C(8, 3) :

AC

$$d_{AC} = \sqrt{(1-8)^2 + (2-3)^2} = \sqrt{50}$$

.25 , ,

2

$$\sqrt{50} \cdot \sqrt{50} = 50$$

. :

.DK

. " 21 DEF

$$S = \frac{ah}{2} :$$

$$S = \frac{EF \cdot DK}{2}$$

$$21 = \frac{6 \cdot DK}{2}$$

$$42 = 6 \cdot DK$$

$$\boxed{DK = 7}$$

. " 7 DK :

$\angle EDK$ (1)

$\triangle DKE$

$$\tan \angle EDK = \frac{EK}{KD}$$

$$\tan \angle EDK = \frac{2}{7}$$

$$\boxed{\angle EDK = 15.95^\circ}$$

. $\angle EDK = 15.95^\circ$:

.DEF (2)

.180° DEK

$$\angle E = 180^\circ - 90^\circ - 15.95^\circ = 74.05^\circ :$$

. $\angle F$

$\triangle DKF$

$$\tan \angle F = \frac{DK}{KF}$$

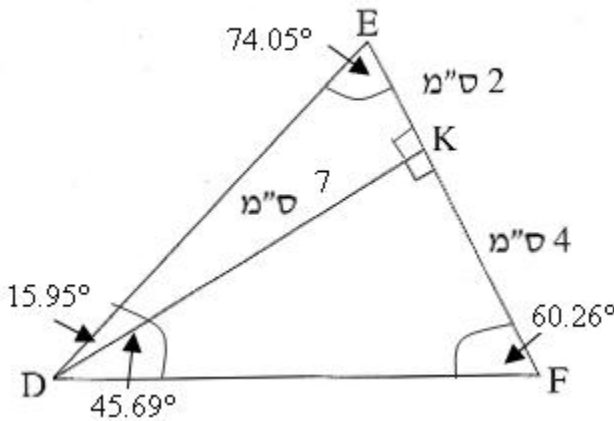
$$\tan \angle F = \frac{7}{4}$$

$$\boxed{\angle F = 60.26^\circ}$$

.180° DEF

$$\angle D = 180^\circ - 74.05^\circ - 60.26^\circ = 45.69^\circ :$$

. $\angle D = 45.69^\circ$, $\angle F = 60.26^\circ$, $\angle E = 74.05^\circ$:DEF :



150	150	
200	450	

$$150 + 150 + 450 + 200 = 950 :$$

$$\cdot 950 \quad :$$

$$\cdot 150 + 150 = 300 \quad .$$

$$\frac{300}{950} = \frac{6}{19}$$

$$\cdot \frac{6}{19} \quad :$$

$$\cdot 150 + 450 = 600 \quad .$$

$$\frac{600}{950} = \frac{12}{19}$$

$$\cdot \frac{12}{19} \quad :$$