

35182

19

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

$$300 \cdot 1.2 = 360$$

360

:

$$(8-x)$$

$$300x$$

$$360(8-x)$$

2,580

$$300x + 360(8-x) = 2580$$

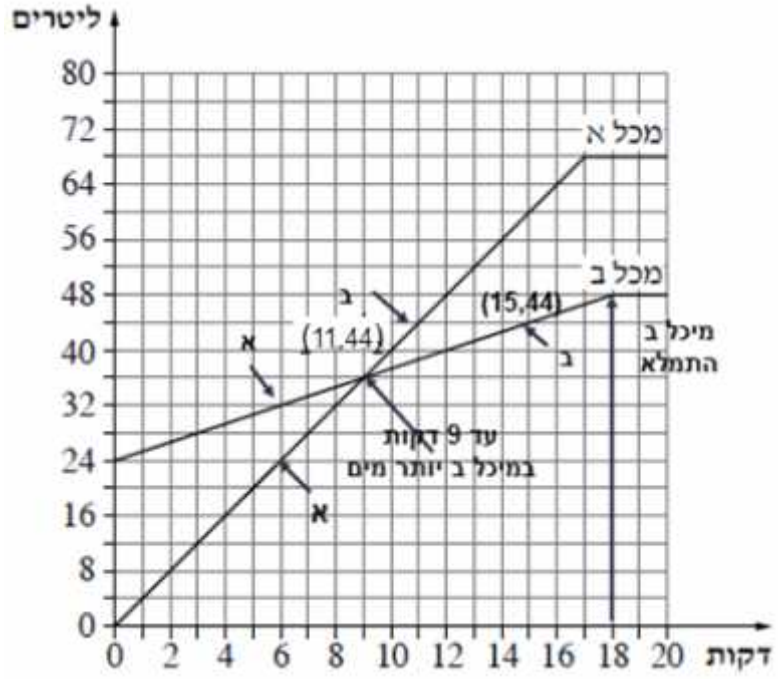
$$300x + 2880 - 360x = 2580$$

$$-60x = -300 \quad /: (-5)$$

$$\boxed{x = 5}$$

5

:

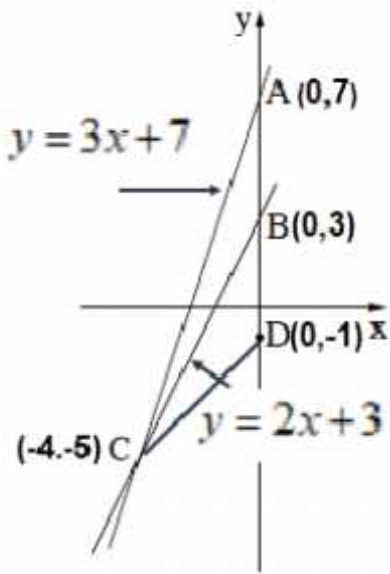


. 32 24 6 :

. 15 (2) 11 (1) :

. , 9 :

. 18 :



$y = 2x + 3$ CB

$y = 3x + 7$ CA

$x = 0$ y

$y_A = 3 \cdot 0 + 7 = 7 \rightarrow \boxed{A(0, 7)}$

$y_B = 2 \cdot 0 + 3 = 3 \rightarrow \boxed{B(0, 3)}$

.B(0, 3) , A(0, 7) :

:C ,

$$\begin{cases} y = 3x + 7 \\ y = 2x + 3 \end{cases}$$

$3x + 7 = 2x + 3$

$x = -4 \rightarrow y = 2 \cdot (-4) + 3 = -5 \rightarrow \boxed{C(-4, -5)}$

.C(-4, -5) :

. $x_D = 0$, y -

D

.AD

B

$3 = \frac{7 + y_D}{2} \quad / \cdot 2$

$6 = 7 + y_D$

$-1 = y_D \rightarrow \boxed{D(0, -1)}$

.D(0, -1) :

.CD

$m_{CD} = \frac{-1 - (-5)}{0 - (-4)} = \frac{4}{4} = 1$

. $m_{CD} = 1$

D(0, -1)

- , CD

$y - (-1) = 1(x - 0)$

$y + 1 = x$

$\boxed{y = x - 1}$

. $y = x - 1$

CD

:

. AB .

ΔABC

$$\cos \sphericalangle BAC = \frac{AB}{AC}$$

$$\cos 64^\circ = \frac{AB}{13} \quad / \cdot 13$$

$$13 \cos 64^\circ = AB$$

$$AB = " 5.699$$

. " 5.699 AB :

. BF .

$$\sphericalangle BAF = \frac{64^\circ}{2} = 32^\circ : \quad , BAC \quad AF -$$

ΔABF

$$\tan \sphericalangle BAF = \frac{BF}{AB}$$

$$\tan 32^\circ = \frac{BF}{5.699} \quad / \cdot 5.699$$

$$5.699 \cdot \tan 32^\circ = BF$$

$$BF = " 3.561$$

. " 3.561 BF :

. FC .

ΔABC

$$(AC)^2 = (AB)^2 + (BC)^2$$

$$13^2 = 5.699^2 + (BC)^2$$

$$136.5 = (BC)^2 \quad / \sqrt{\quad}$$

$$BC = 11.68$$

ΔABC

$$\sin \sphericalangle BAC = \frac{BC}{AC}$$

$$\sin 64^\circ = \frac{BC}{13} \quad / \cdot 13$$

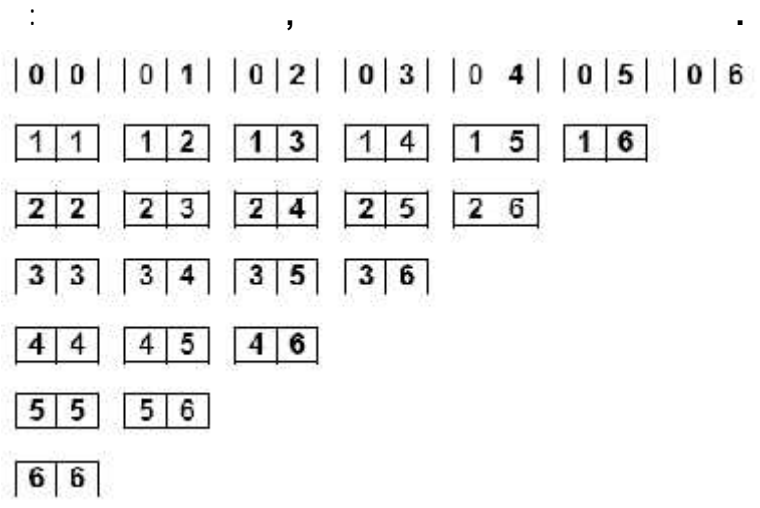
$$13 \cdot \sin 64^\circ = BC$$

$$BC = " 11.68$$

$$FC = BC - BF = 11.68 - 3.561 = " 8.119 :$$

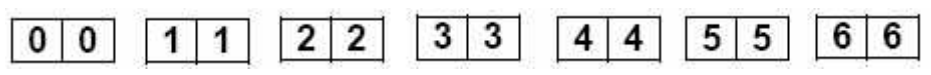
. " 8.119 FC :

"



$p = \frac{1}{28}$

$\frac{1}{28}$



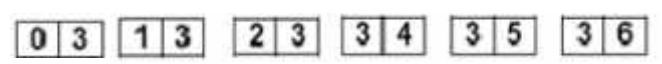
$\frac{7}{28} = \frac{1}{4}$

$\frac{1}{4}$

$p = \frac{2}{28} = \frac{1}{14}$

$\frac{1}{14}$

$p = \frac{6}{28} = \frac{3}{14}$



$\frac{3}{14}$

$p = \frac{6}{28} = \frac{3}{14}$

.90 - 90 , 80 , 70 , 50

(1)

$$\frac{90+90+80+70+50}{5} = \frac{380}{5} = \boxed{76}$$

. 76

:

.90 , 90 , 80 , 60 , 50 :

(2)

.80 , ,

. 80

:

. 100

,

,

$$\frac{100+90+90+80+70+50}{6} = \frac{480}{6} = \boxed{80}$$

. 80

,

,

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