

.() - y ,() - x .

()	()	()	
x	x	1	
4y	y	4	
2x	x	2	
6y	y	6	

$$\begin{aligned}
 x + 4y = 1500 & \quad : \quad , \quad 1,500 \\
 2x + 6y = 2500 & \quad : \quad , \quad 2,500
 \end{aligned}$$

:

$$\begin{cases}
 x + 4y = 1500 \rightarrow \boxed{x = 1500 - 4y} \\
 2x + 6y = 2500
 \end{cases}$$

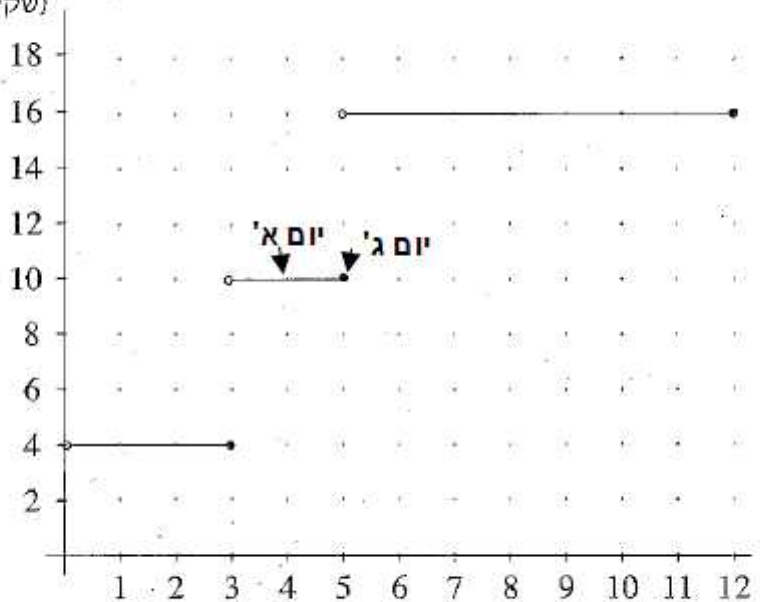
$$\begin{aligned}
 2(1500 - 4y) + 6y &= 2500 \\
 3000 - 8y + 6y &= 2500 \\
 -2y &= -500 \quad /: -2 \\
 \boxed{y = 250} \\
 x &= 1500 - 4 \cdot 250 \\
 \boxed{x = 500}
 \end{aligned}$$

. 250 , 500 :

$$\begin{aligned}
 \frac{100 + 20}{100} \cdot 250 &= 1.2 \cdot 250 = 300 \quad 20\% - \\
 & \cdot 4 \cdot 300 = 1,200 \\
 & \cdot 1,200 :
 \end{aligned}$$

.(12:00 - 8:00) 4 II , .
 .() 10 :
 ,I , 7 .
 .() 16 II , 14 ,
 .(I) 14 :
 . II 3 , 8 .
 .(II) 3 :
 ,() 5 - , .
 .II 16 5 -
 . 5 :

בחניון II
 תשלום לחנייה
 (שקלים)



זמן חנייה
 (שעות)

5,000

$a_1 = 5,000 :$

53 -

$d = 53$

12 -

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

$a_{12} = 5,000 + (12 - 1) \cdot 53$

$a_{12} = 5,000 + 11 \cdot 53$

$a_{12} = 5,583$

5,583

12 -

12

S_{12}

:

$S_n = \frac{n}{2}(2a_1 + (n - 1)d)$

$S_{12} = \frac{12}{2} \cdot (2 \cdot 5,000 + (12 - 1) \cdot 53)$

$S_{12} = 6 \cdot (10,000 + 11 \cdot 53)$

$S_{12} = 63,498$

63,498

12

$y = -\frac{1}{2}x + 5$

$y = 0$

$y_C = 0$

$x =$

C

$0 = -\frac{1}{2}x + 5$

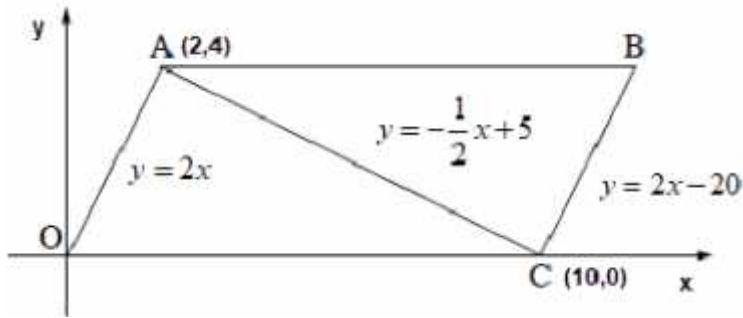
$\frac{1}{2}x = 5 \quad /: (\frac{1}{2})$

$x = 10 \rightarrow \boxed{C(10, 0)}$

$\cdot C(10, 0) :$

$\cdot AC - OA$

A



$$\begin{cases} y = 2x \\ y = -\frac{1}{2}x + 5 \end{cases}$$

$2x = -\frac{1}{2}x + 5$

$2\frac{1}{2}x = 5 \quad /: (2\frac{1}{2})$

$x = 2 \rightarrow y = 2 \cdot 2 = 4 \rightarrow \boxed{A(2, 4)}$

$\cdot A(2, 4) :$

$\cdot ($

$) m_{BC} = m_{OA} = 2$

$, OA$

BC

$\cdot m_{BC} = 2 - C(10, 0) - ,$

$y - 0 = 2(x - 10)$

$\boxed{y = 2x - 20}$

$\cdot y = 2x - 20 \quad BC$

$:$

$\sphericalangle CAB$

$\triangle ACB$

$\triangle ACB$

$$\tan \sphericalangle CAB = \frac{CB}{AC}$$

$$\tan \sphericalangle CAB = \frac{4}{7}$$

$$\boxed{\sphericalangle CAB = 29.74^\circ}$$

$\therefore 29.74^\circ$ $\sphericalangle CAB$:

$\sphericalangle CAD$

AD

$$\sphericalangle CAD = \frac{29.74^\circ}{2}$$

$$\sphericalangle CAD = 14.87^\circ$$

$\therefore AD$

$\triangle CAD$

$$\cos \sphericalangle CAD = \frac{AC}{AD}$$

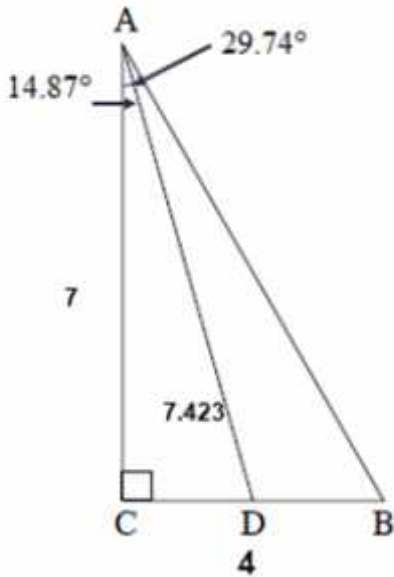
$$\cos 14.87^\circ = \frac{7}{AD} \quad / \cdot AD$$

$$AD \cos 14.87^\circ = 7 \quad / : \cos 14.87^\circ$$

$$AD = \frac{7}{\cos 14.87^\circ}$$

$$AD = " 7.243$$

$\therefore " 7.243$ AD :



.(, 1 : 3 2

$$\cdot \frac{1}{6}$$

, 6 .

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

1				
1	1	2	2	
				3

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

, 2 1 .

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

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

, 3 1 .

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

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