

$$\begin{array}{r} \text{---} \\ (\quad) \\ (\quad) \end{array} \begin{array}{l} - x \\ - y \end{array}$$

"	()	()		
5x	x	5		
3y	y	3		
x	x	1		
3y	y	3		

$5x + 3y = 36$: , 36 3 - 5

$x = 3y$: , 3

:

$$\begin{cases} 5x + 3y = 36 \\ x = 3y \end{cases}$$

$$5 \cdot 3y + 3y = 36$$

$$15y + 3y = 36$$

$$18y = 36 \quad /:18$$

$$\boxed{y = 2}$$

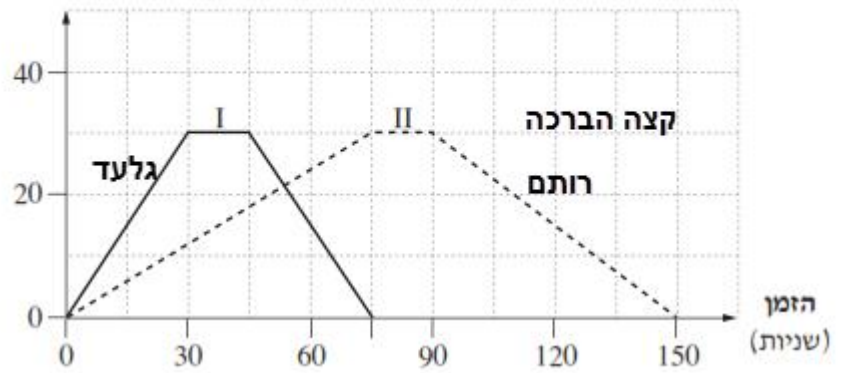
$$x = 3 \cdot 2$$

$$\boxed{x = 6}$$

. 2 - , 6 - :

. 2 - 6 .
 $4 \cdot 6 + 2 \cdot 2 = 28$
 . 28 :

המרחק מנקודת ההתחלה
(מטרים)



15

10

15

(90 - 75 -)

x - , ()

.(45 - 30 -)

, 15 :

75

75 :

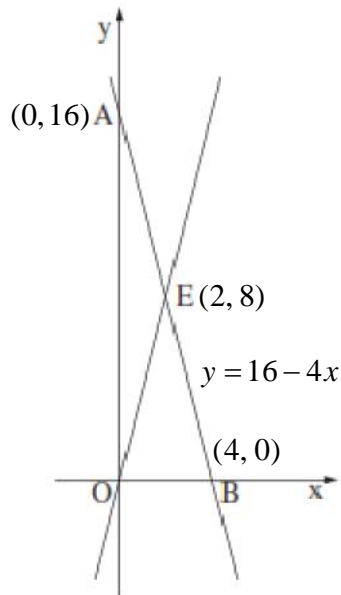
.53 -

. 53 - :

- , - ,

:

"



-4

, $y = 16 - 4x$

. $y = 16 - 4x$

AB :

. B - A

AB

: $y = 0$ $x =$

$0 = 16 - 4x \quad / +4x$

$4x = 16 \quad / :4$

$x = 4 \rightarrow \boxed{B(4, 0)}$

: $x = 0$ $y =$

$y = 16 - 4 \cdot 0 = 16 \rightarrow \boxed{A(0, 16)}$

. B(4, 0), A(0, 16) :

. AB

E

$$\left. \begin{aligned} x_E &= \frac{x_A + x_B}{2} = \frac{0 + 4}{2} = \frac{4}{2} = 2 \\ y_E &= \frac{y_A + y_B}{2} = \frac{16 + 0}{2} = \frac{16}{2} = 8 \end{aligned} \right\} \boxed{E(2, 8)}$$

. E(2, 8) :

, AB

OE , AOE

. OEB

OEA

:

35801

14

, +2

,

2 -

$$\cdot \boxed{d = 2} - \boxed{a_1 = 20} : , 20$$

15

, 15 -

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

: 15 -

$$a_{15} = a_1 + (15-1)d$$

$$a_{15} = 20 + 14 \cdot 2$$

$$a_{15} = 20 + 28$$

$$\boxed{a_{15} = 48}$$

. 48

:

. S_{15}

,

,

15

,

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

$$S_{15} = \frac{15[2 \cdot 20 + 2 \cdot (15-1)]}{2}$$

$$S_{15} = \frac{15 \cdot (40 + 2 \cdot 14)}{2}$$

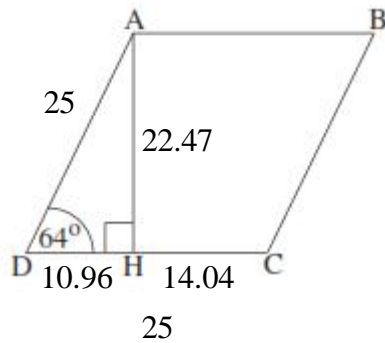
$$S_{15} = \frac{15 \cdot [40 + 28]}{2}$$

$$\boxed{S_{15} = 510}$$

. 510

:

$$\cdot AD = DC = " 25 -$$



$\triangle ADH$

$$\sin \sphericalangle ADH = \frac{AH}{AD}$$

$$\sin 64^\circ = \frac{AH}{25} \quad / \cdot 25$$

$$25 \sin 64^\circ = AH$$

$$AH = " 22.47$$

$$\cdot " 22.47 \quad AH \quad :$$

:(,)

$$S_{ABCD} = DC \cdot AH$$

$$S_{ABCD} = 25 \cdot 22.47$$

$$S_{ABCD} = " 561.75$$

$\cdot DH$ (1) .

$\triangle ADH$

$$\cos \sphericalangle ADH = \frac{DH}{AD}$$

$$\cos 64^\circ = \frac{DH}{25} \quad / \cdot 25$$

$$25 \cos 64^\circ = DH$$

$$DH = " 10.96$$

$$\cdot " 10.96 \quad DH \quad :$$

$\cdot HC = CD - DH :$

HC (2)

$$HC = 25 - 10.96 = " 14.04$$

$$\cdot " 14.04 \quad HC \quad :$$

$$.100\% - 38\% - 19\% - 8\% = 35\% \quad \text{O}$$

O	AB	B	A	
35%	8%	19%	38%	

$$. \text{O} \quad 35\% - :$$

$$, \text{O} \quad . \text{O} \quad \text{O} \quad .$$

$$, \text{O} \quad , \text{O} \quad 35\% -$$

$$.35\% = \frac{35}{100} = 0.35$$

$$. 0.35 \quad :$$

$$. \text{A} \quad \text{O}$$

$$, \text{A} \quad \text{O} \quad 38\% + 35\% = 73\% -$$

$$.73\% = \frac{73}{100} = 0.73$$

$$, \text{A}$$

$$. 0.73 \quad :$$