

.() - x - .
 . 64 , 20%

$$\frac{100-20}{100} \cdot x = 64 \rightarrow 0.8x = 64$$

:

$$0.8x = 64 \quad /:0.8$$

$$\boxed{x = 80}$$

. 80 :

$$. 80 - 64 = 16 - .$$

$$. 16 - :$$

,F ,

$$.F = 50 + \frac{H - 92}{4.7} \quad : H ,$$

. 139

$$: \quad H \quad 139$$

$$F = 50 + \frac{139 - 92}{4.7}$$

$$F = 50 + \frac{47}{4.7}$$

$$F = 50 + 10$$

$$\boxed{F = 60}$$

. 60 , F = 60 :

$$: \quad 70 \quad F$$

$$. \quad F = 60$$

$$4.7/70 = 4.7/50 + \frac{1/H - 92}{4.7} \quad / \cdot 4.7$$

$$329 = 235 + H - 92$$

$$329 = 143 + H \quad / -143$$

$$186 = H$$

$$\boxed{H = 186}$$

. 186 , H = 186 :

. F H .

$$: \quad 4.7 \quad F = 50 + \frac{H - 92}{4.7}$$

$$4.7/F = 4.7/50 + \frac{1/H - 92}{4.7} \quad / \cdot 4.7$$

$$4.7F = 235 + H - 92$$

$$.4.7F = 143 + H \quad / -143$$

$$4.7F - 143 = H$$

$$\boxed{H = 4.7F - 143}$$

. H = 4.7F - 143 :

$$\cdot a_7 = 15 - a_5 = 11 : \quad \cdot$$

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

$$a_7 = 15$$

$$a_5 = 11$$

$$a_1 + (7-1)d = 15$$

$$a_1 + (5-1)d = 11$$

$$a_1 + 6d = 15$$

$$a_1 + 4d = 11$$

:

$$\begin{cases} a_1 + 4d = 11 \\ a_1 + 6d = 15 \quad / \cdot (-1) \end{cases}$$

$$+ \begin{cases} a_1 + 4d = 11 \\ -a_1 - 6d = -15 \\ -2d = -4 \quad / : (-2) \end{cases}$$

$$\boxed{d = 2}$$

$$a_1 + 4 \cdot 2 = 11$$

$$\boxed{a_1 = 3}$$

$$\cdot a_1 = 3, d = 2 :$$

$$\cdot S_{25} \quad ,$$

$$25 \quad \cdot$$

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

$$S_{25} = \frac{25[2 \cdot 3 + 2 \cdot (25-1)]}{2}$$

$$S_{25} = \frac{25 \cdot (6 + 2 \cdot 24)}{2}$$

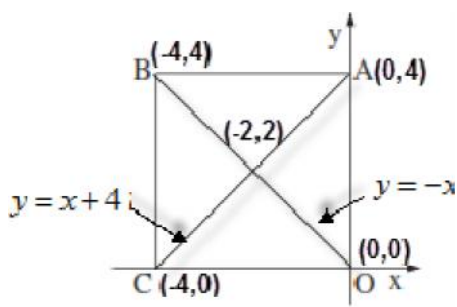
$$S_{25} = \frac{25 \cdot 54}{2}$$

$$\boxed{S_{25} = 675}$$

$$\cdot 675$$

$$25 : \quad \cdot$$

ABCO



(.4 , -)
 .(0,4) : y - A - $y_A = y_B = 4$

.A(0,4) :

.(-4,0) : x - C - $x_C = x_B = -4$

.C(-4,0) :

$$m_{AC} = \frac{y_A - y_C}{x_A - x_C} = \frac{4 - 0}{0 - (-4)} = \frac{4}{4} = 1$$

(0,4), $m_{AC} = 1$
 $y - 4 = 1(x - 0)$

$$\boxed{y = x + 4}$$

. $y = x + 4$ AC

$$m_{BO} = \frac{y_B - y_O}{x_B - x_O} = \frac{4 - 0}{-4 - 0} = \frac{4}{-4} = -1$$

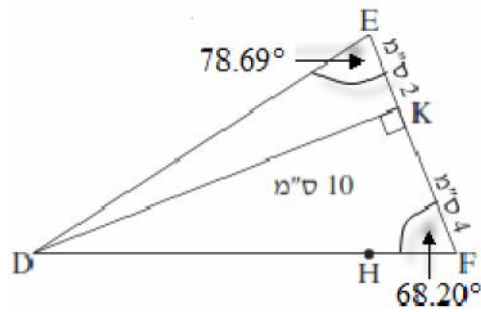
(0,0), $m_{BO} = -1$
 $y - 0 = -1(x - 0)$

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

, $y = -x$ BO :

$$\left. \begin{aligned} x &= \frac{x_O + x_B}{2} = \frac{0 + (-4)}{2} = \frac{-4}{2} = -2 \\ y &= \frac{y_O + y_B}{2} = \frac{0 + 4}{2} = \frac{4}{2} = 2 \end{aligned} \right\} \boxed{(-2, 2)}$$

. (-2, 2) :



. \sphericalangle DEK (1) .

$\triangle DKE$

$$\tan \sphericalangle DEK = \frac{DK}{EK}$$

$$\tan \sphericalangle DEK = \frac{10}{2}$$

$$\boxed{\sphericalangle DEK = 78.69^\circ}$$

. \sphericalangle DEK = 78.69° :

. \sphericalangle DFK (2)

$\triangle DKF$

$$\tan \sphericalangle DFK = \frac{DK}{KF}$$

$$\tan \sphericalangle DFK = \frac{10}{4}$$

$$\boxed{\sphericalangle DFK = 68.20^\circ}$$

. \sphericalangle DFK = 68.20° :

. DF , EH .

$$. EF = 2 + 4 = " 6$$

$\triangle EHF$

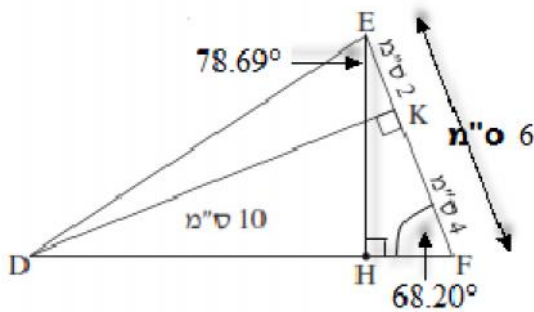
$$\sin \sphericalangle DFK = \frac{EH}{EF}$$

$$\sin 68.20^\circ = \frac{EH}{6} \quad / \cdot 6$$

$$6 \sin 68.20^\circ = EH$$

$$EH = " 5.571$$

. EH = " 5.571 :



"	20	22	- x
N = 4	1	3	- f

$$\bar{x} = \frac{22 \cdot 3 + 20 \cdot 1}{4} = \frac{86}{4} = 21.5$$

21.5

,(x)

x -

. x

"	x	22	- x
N = 5	2	3	- f

.24

$$24 = \frac{22 \cdot 3 + 2 \cdot x}{5}$$

$$24 = \frac{66 + 2x}{5} \quad / \cdot 5$$

$$120 = 66 + 2x \quad / -66$$

$$54 = 2x \quad / : 2$$

$$27 = x$$

$$\boxed{x = 27}$$

. 27

$$y - x =$$

"	y	x	22	- x
N = 5	1	1	3	- f

$$.24$$

$$24 = \frac{22 \cdot 3 + x + y}{5}$$

$$24 = \frac{66 + x + y}{5} \quad / \cdot 5$$

$$120 = 66 + x + y \quad / -66$$

$$54 = x + y$$

$$.54$$

$$. \quad 4 , \quad 50 : \quad : \underline{\quad} :$$