

. y -

- ,  $y = -2x^2 + 4x - 6$

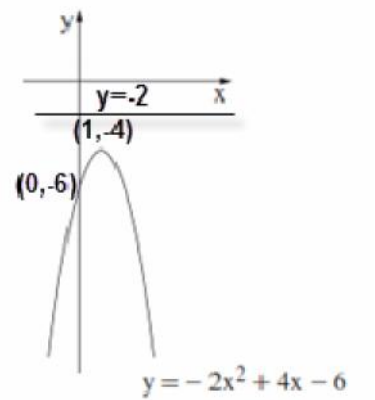
$x = 0$

.  $(0, -6)$  ,  $y = -2 \cdot 0^2 + 4 \cdot 0 - 6 = (0, -6)$

.  $(0, -6)$

y -

:



$y = -2x^2 + 4x - 6$

.  $x < 1$  , 1 -

.  $y = -2x^2 + 4x - 6$

$$\left. \begin{aligned} x_{kodkod} &= -\frac{b}{2a} = -\frac{4}{2 \cdot (-2)} = 1 \\ y_{kodkod} &= -2 \cdot 1^2 + 4 \cdot 1 - 6 = -4 \end{aligned} \right\} \boxed{(1, -4)}$$

.  $(1, -4)$  :

-x

. 1  $1x < 11$  1:

.  $( \quad ) -4$

.  $y = -2$  ,

.  $y = -2$  1:

. II I ,  
 , 4 2000 I (1)

, 40% -  

$$\frac{100 + 40}{100} \cdot 2000 = 1.4 \cdot 2000 = 2800 :$$

2800 I 4 :  
 , 5 2000 II (2)

, 50% -  

$$\frac{100 + 50}{100} \cdot 2000 = 1.5 \cdot 2000 = 3000 :$$

3000 II 5 :

$M_t$	$M_0$	$q$	$t$
2800	2000	?	4

: I  

$$2800 = 2000 \cdot q^4 \quad /: 2000$$

$$1.4 = q^4$$

$$\sqrt[4]{1.4} = q$$

$$q = 1.0878$$

$$1.0878 = \frac{100 + P}{100} \quad / \cdot 100$$

$$108.78 = 100 + P$$

$$\boxed{P = 8.78}$$

. 8.78% I

$M_t$	$M_0$	$q$	$t$
3000	2000	?	5

: II  

$$3000 = 2000 \cdot q^5 \quad /: 2000$$

$$1.5 = q^5$$

$$\sqrt[5]{1.5} = q$$

$$q = 1.0845$$

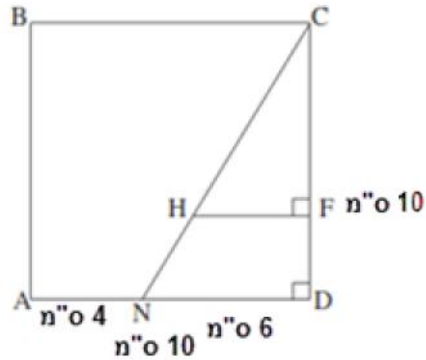
$$1.0845 = \frac{100 + P}{100} \quad / \cdot 100$$

$$108.45 = 100 + P$$

$$\boxed{P = 8.45}$$

. 8.45% II

I :



.  $AD = CD = "$  10 ,

.  $ND = 10 - 4 = "$  6

.  $\sphericalangle NCD$

$\triangle NCD$

$$\tan \sphericalangle NCD = \frac{ND}{CD}$$

$$\tan \sphericalangle NCD = \frac{6}{10}$$

$$\boxed{\sphericalangle NCD = 30.96^\circ}$$

.  $\sphericalangle NCD = 30.96^\circ :$

.  $CH$

$\triangle CFH$

$$\cos 30.96^\circ = \frac{7}{CH} \quad / \cdot CH$$

$$CH \cos 30.96^\circ = 7 \quad / : \cos 30.96^\circ$$

$$CH = \frac{7}{\cos 30.96^\circ}$$

.  $CH = "$  8.163 :

.  $NH$

$\triangle NCD$

$$\cos 30.96^\circ = \frac{10}{CN} \quad / \cdot CN$$

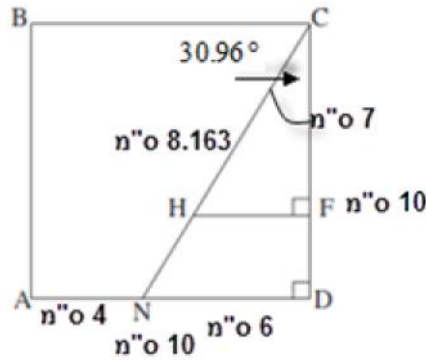
$$CN \cos 30.96^\circ = 10 \quad / : \cos 30.96^\circ$$

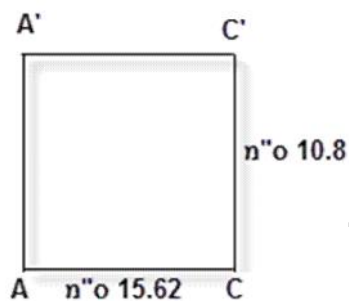
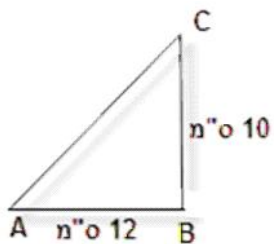
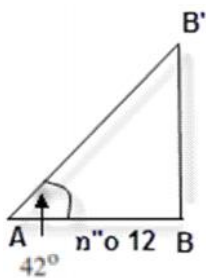
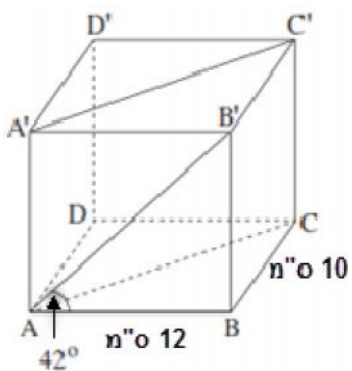
$$CN = \frac{10}{\cos 30.96^\circ}$$

.  $CN = "$  11.66

.  $NH = CN - CH = 11.66 - 8.163 = "$  3.498

.  $NH = "$  3.498 :





. ABCD

,  $\sphericalangle B'AB$

ABCD

AB'

. B'AB

. BB'

$\frac{\Delta B'AB}{}$

$$\tan B'AB = \frac{BB'}{AB}$$

$$\tan 42^\circ = \frac{BB'}{12}$$

$$12 \tan 42^\circ = BB'$$

. BB' = " 10.8

. " 10.8

, AC

$\frac{\Delta ABC}{}$

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

$$(AC)^2 = 12^2 + 10^2$$

$$(AC)^2 = 244$$

$$AC = \sqrt{244}$$

AC = " 15.62

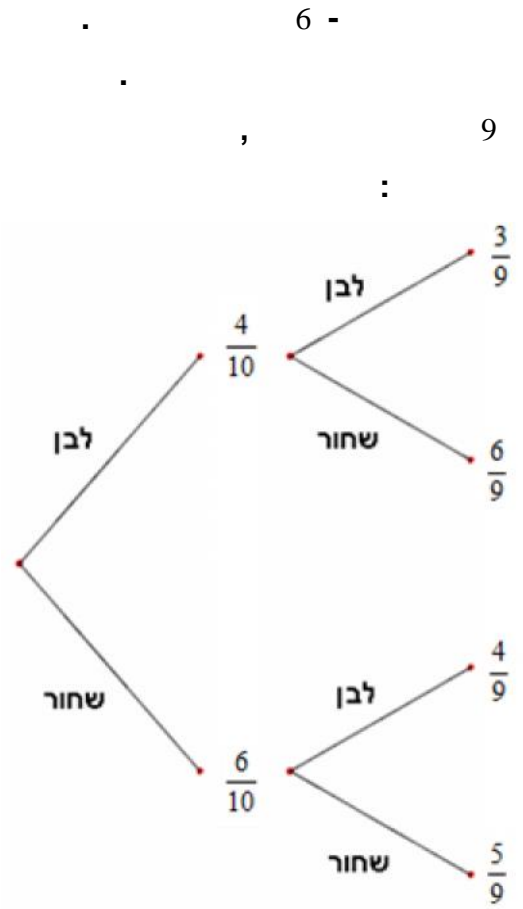
. " 15.62

. ACC'A'

$$S_{ACC'A'} = AC \cdot CC' = 15.62 \cdot 10.8 = " 168.7$$

. " 168.7

ACC'A'



$$P = \frac{4}{10} \cdot \frac{6}{9} = \frac{4}{15}$$

$$\cdot \frac{4}{15}$$

$$P = \frac{6}{10} \cdot \frac{5}{9} = \frac{1}{3}$$

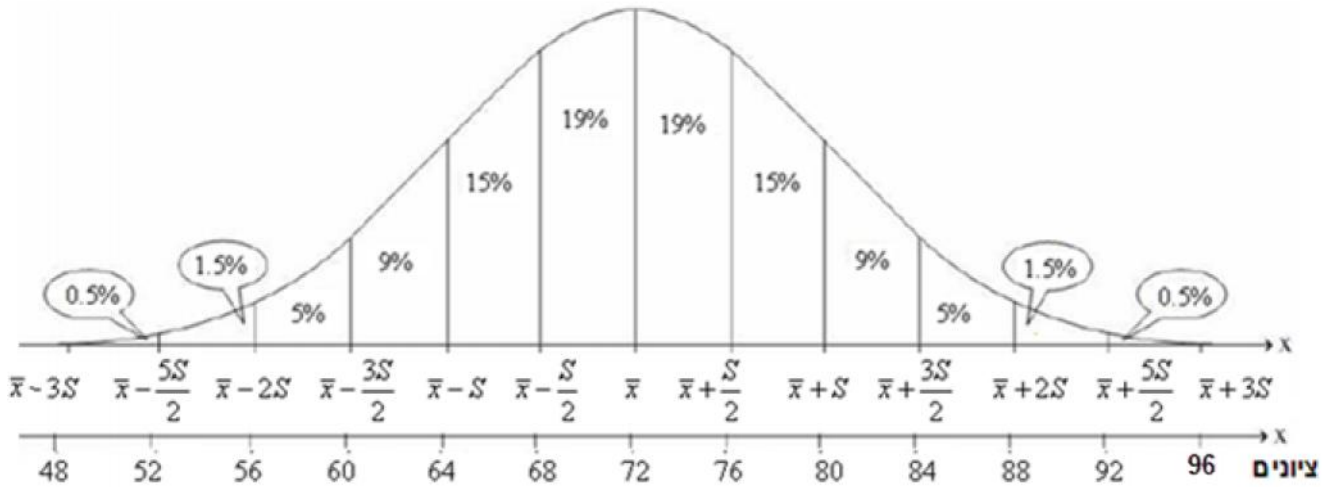
$$\cdot \frac{1}{3}$$

$$P = \frac{6}{10} \cdot \frac{5}{9} + \frac{4}{10} \cdot \frac{3}{9} = \frac{7}{15}$$

$$\cdot \frac{7}{15}$$

$\bar{x} = 72$   $s = 8$  :

$\frac{8}{2} = 4$  , 8



$(56 - )$  ,  $2 \quad 56$

$0.5\% + 1.5\% = 2\% = \frac{2}{100} = 0.02$

$.0.02 \quad 56 -$  :

$.5\% + 9\% + 15\% + 19\% + 19\% + 15\% = 82\%$  :  $80 - 56$

$.80 - 56$   $82\%$  :

$41,500$

$.82\% = \frac{82}{100} = 0.82$  ,  $( ) 80 - 56$

$.0.82 \cdot 41,500 = 34,030$

$.80 - 56$   $34,030$  :