

$$\frac{x-60}{x-60} \cdot \frac{60-x}{x-60} = \frac{60-x}{x-60}$$

$$\frac{4(x-60)}{3x} = \frac{60-x}{x-60}$$

$$4(x-60) + 3x = 810$$

:

$$4(x-60) + 3x = 810$$

$$4x - 240 + 3x = 810$$

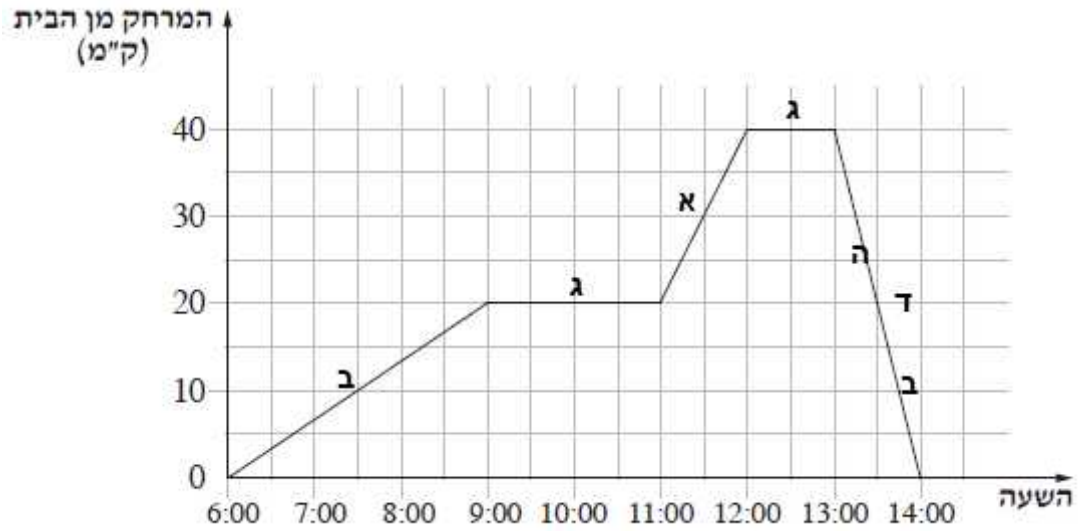
$$7x - 240 = 810 \quad / +240$$

$$7x = 810 + 240$$

$$7x = 1050 \quad / :7$$

$$\boxed{x = 150}$$

$$\frac{150}{150} = 1$$



. " 30 11:30 .

, _____ " 10 .
 .(,) 13:45 () 7:30

.(_____) _____ .
 .(11:00 - 9:00) _____
 .(13:00 - 12:00) _____

.14:00 - 13:00 40 - 0 = " 40 .

.() 14:00 13:00 - .

35182

20

$$d = 7 \quad a_1 = 52$$

$$a_4$$

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

$$a_4 = 52 + (4-1) \cdot 7$$

$$a_4 = 52 + 3 \cdot 7$$

$$a_4 = 52 + 21$$

$$\boxed{a_4 = 73}$$

$$73$$

$$87$$

$$a_n = 87$$

$$87 = 52 + (n-1) \cdot 7$$

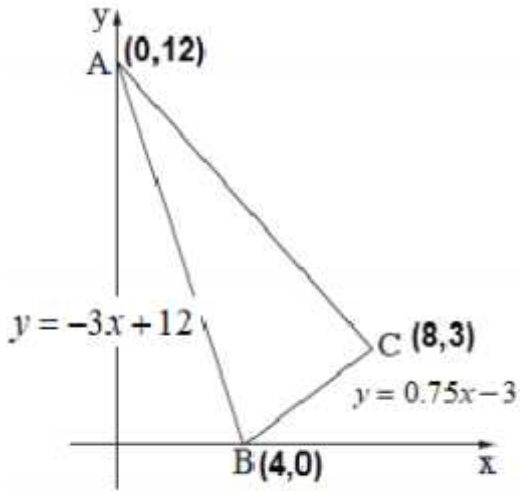
$$87 = 52 + 7n - 7$$

$$87 = 45 + 7n \quad / -45$$

$$42 = 7n \quad / :7$$

$$\boxed{n = 6}$$

$$87$$



$$\cdot m_{BC} = 0.75$$

B(4,0) - , BC

$$y - 0 = 0.75(x - 4)$$

$$\boxed{y = 0.75x - 3}$$

$\cdot y = 0.75x - 3$ BC :

$\cdot x_C = 8$ AB

$$\cdot y = 0.75x - 3 \quad x = 8$$

$$y = 0.75 \cdot 8 - 3$$

$$y = 3$$

$$y_C = 3 :$$

$\cdot y = -3x + 12$ AB

$\cdot x = 0$ y -

$$y = -3 \cdot 0 + 12$$

$$y = 12 \rightarrow \boxed{A(0,12)}$$

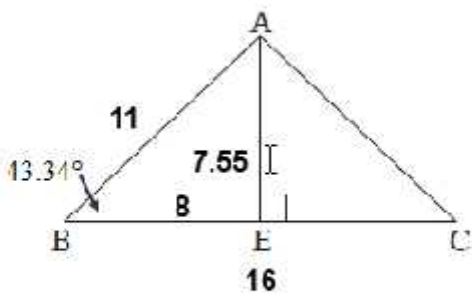
$\cdot y = 0$ x -

$$0 = -3x + 12$$

$$3x = 12 \quad /:3$$

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

$\cdot B(4,0)$, A(0,12) :



$$BE = CE = \frac{BC}{2} = \frac{16}{2} = 8$$

ΔABE

$$\cos \angle ABE = \frac{BE}{AB}$$

$$\cos \angle ABE = \frac{8}{11}$$

$$\angle ABE = 43.34^\circ$$

$$\angle ABC = 43.34^\circ$$

AE

ΔABE

$$\sin \angle B = \frac{AE}{AB}$$

$$\sin 43.34^\circ = \frac{AE}{11}$$

$$11 \sin 43.34^\circ = AE$$

$$AE = 7.55$$

(ΔABE -

-) " 7.55 :

ΔAEC

ΔAEC

$$S_{\Delta AEC} = \frac{EC \cdot AE}{2}$$

$$S_{\Delta AEC} = \frac{8 \cdot 7.55}{2}$$

$$S_{\Delta AEC} = 30.2$$

" 30.2 AEC :

6	5	4	3	2	1	קובייה א קובייה ב
7	6	5	4	3	2	1
8	7	6	5	4	3	2
9	8	7	6	5	4	3
10	9	8	7	6	5	4
11	10	9	8	7	6	5
12	11	10	9	8	7	6

36

2

(1,1)

$\frac{1}{36}$, 2

4 -

3 (2,1), 3 (1,2), 2 (1,1), 3

$\frac{3}{36} = \frac{1}{12}$, 4 -

18

3

$\frac{18}{36} = \frac{1}{2}$