

10 - 11-
()

1. 10 « / ».

2. -1 15 «5:1». 1 - 10 - 2 .

3. 2 - 30 10 «5:N». 3 3 - 30

4. 2 . - 5

4 - 10 80 - 60 .

120 - 160 .

- 240 .

=====

_____:

=====

1. 1. 200%, 50%, ,

100%. 2.

1. 2.

2. 30%, 30%,

1. 2. _____

3. - , ,

1. 2.

4. , $TR = 40P^2 + 10P$, P

- . : $MR = 80P + 10$.

1. 2. _____

5.

1. 2. _____

6.

1. 2. _____

7.

1. 2. _____

8.

1. 2. _____

9.

" " .
1. _____

2.

10.

- 1. 2. _____

===== 2. =====

1.

....

- 1. ;
- 2. ;
- 3. ;
- 4. _____ ;
- 5. .

2.

, , ...

- 1. , , ;
- 2. , , ;
- 3. _____ ;
- 4. , , ;
- 5. .

3.

,

- 1. _____
- 2. _____
- 3.
- 4.
- 5.

4. , 1,5 .
 50%, 20%.
 ?

1. 100 %
2. 87,5%
3. 33,33%
4. 2,75
5. 150%

5. 20 . $P = 800 - 25Q$.

1. 775
2. 800
3. $Qd = 640 - 0,8$
4. -
5. , . . .

6. - .
 :

- 1.
- 2.
3. _____
4. _____
5. , . . .

7. :

1. 60 65 .
- 2.
- 3.
4. 100%
5. - (. Macaca mulatta) .

8. : $Qd = 50 - 2$.

1. 10
2. 15
3. 20
4. 25
5. .

9. " " 450 .
 300 .
 ?

1. _____
2. , . .
3. , . .
4. , . . -
5. , . .

10. $MC=2Q$,
 10. ,
 :

1. $Q^2 + 25$;
2. $2Q + 10$;
3. Q^2 ;
4. $Q^2 + 10$;
5. $10Q$.

11. :

1. ;
2. ;
3. _____
4. _____ ;
5. ;

12. 10%, - 20%, 25%.
 :

1. 55%;
2. 54%;
3. 46%;
4. 45%;
- 5.

13. 0 40 .
 $P = 50 - 2Q$, $P = 75 - 0,5Q$.
 ,
 :

1. $P = 125 - 2,5Q$;
2. $P = 62,5 - 1,25Q$;
3. $Q = 50 - 0,8P$;
4. $Q = 175 - 2,5P$;
5. $Q = 125 - 2P$

14.

- 1. _____ ;
- 2. _____ ;
- 3. _____ ;
- 4. _____ ;
- 5. _____ .

15.

- 1. _____ ;
- 2. _____ ;
- 3. _____ ;
- 4. _____ ;
- 5. _____ .

=====

3.=====

1.

- $Q_d = 10 - 2P,$
- 1. _____ 2,5; _____ ;
 - 2. _____ 2,5; _____ ;
 - 3. _____ Q _____ ;
 - 4. _____ P _____ ;
 - 5. _____ 2. _____ ;

2.

- 3%**
- 2%**
- 1. _____ ;
 - 2. _____ ;
 - 3. _____ ;
 - 4. _____ ;
 - 5. _____ .

3.

- « »
- 1. _____ ;
 - 2. _____ ;
 - 3. _____ ;
 - 4. _____ ;
 - 5. _____ .

4.

- _____ , _____ , _____ " _____ "
- (_____):

):

1. _____ ;
2. _____ ;
3. _____ ;
4. _____ ;
5. _____ .

5. _____ :

1. _____ , _____ ;
2. _____ ; _____ , _____ ;
3. _____ , _____ ; _____ , _____ ;
4. _____ ; _____ , _____ .
5. _____ ; _____ .

6. _____ ?

1. _____ ;
2. _____ ;
3. _____ ;
4. _____ ;
5. _____ .

7.

1. _____ ;
2. _____ ;
3. _____ ;
4. _____ ;
_____ (. Sequestro — _____ ;
5. _____ .

8.

$$Q_d = 2400 - 4P.$$

$$E_d = -3.$$

$$200$$

1. _____ ;
2. _____ $E_d = -2,$ _____ ;
3. _____ 600 _____ 450 . . ;
4. _____ ;
5. _____ 200 .

9.

1. _____ ;
2. _____ ;
3. _____ ;
4. _____ ;
5. 5) _____ .

10.

1. _____ ;
2. _____ ;
3. _____ ;
4. _____ ;
5. _____ .

=====

4.=====

1.

a)	$\frac{2}{3}$		1.
б)	$\frac{3}{-}$		2.
в)	-	$\frac{1}{-}$	3.
г)	$\frac{4}{-}$		4.
			5.

2.

:

Q	AFC	VC	AC	MC	TC
0	-	0	-	-	100
1	100	30	130	30	130
2	50	56	78	26	156
3	33	76	58,7	20	176
4	25	90	47,5	14	190
5	20	100	40	10	200

=====

1. (15). , 6
 2 20 . 5 ,
 , n
 n .

$$Qd = 600 - 2Q$$

TR = P × Q - TC
 TR = (300 - 0,5Q) × Q = 300Q - 0,5Q²
 T = (6 × 5 + 2 × 20) × Q = 70Q.

$$= 300Q - 0,5Q^2 - 70Q = 230Q - 0,5Q^2.$$

: ()' = 0.

$$230 (Q = 230).$$

$$: = 230 \times 230 - 0,5 \times 230^2 = 52\,900 - 26\,450 = 26\,450.$$

$$: Q = 230,$$

$$26\,450$$

2.(20).

$$240$$

1

$$100$$

$$Q = 350 - 10P$$

$$50$$

1)

2)

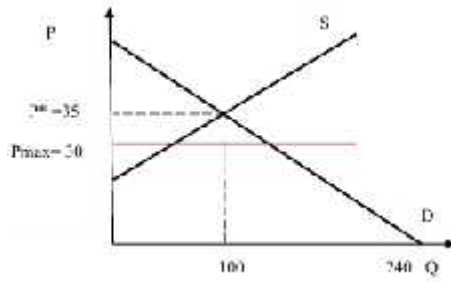
3)

4)

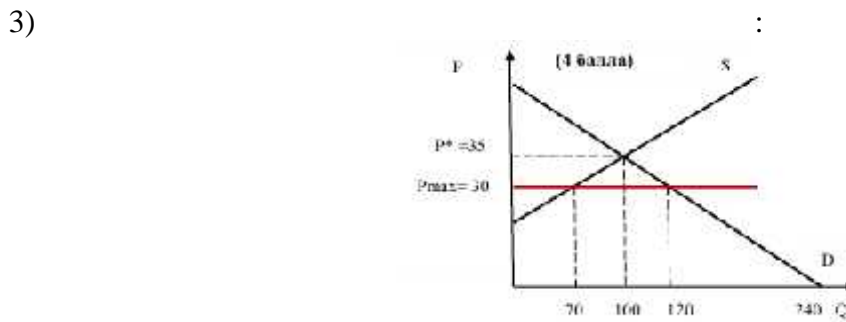
1)

$$, \max = 30$$

$$: 50 = 350 - 10P$$



2)) $Q_d = a - bP$; $Q_s = c + dP$;
 $0 = 350 - 10P$; $P = 35$
 $100 = 240 - 35b$; $b = -4$;
 $Q_d = 240 - 4P$
 $Q_s = Q_d - Q$; $Q_s = (240 - 4P) - (350 - 10P) = 6P - 110$
 $Q_s = -110 + 6P$.



4) $Q_s = 6P - 110 = 30 \times 6 - 110 = 70$; 100
 $Q = (70/100 - 1) \times 100 = -30\%$

: 1) $P_{max} = 30$, 2) $Q_d = 240 - 4P$, $Q_s = 6P - 110$, 4) 30% .

3. (20) .

20

Q (.)	0	15	40	63	76	85	90	91
(.)	1 000	1 250	1 500	1 750	2 000	2 250	2 500	2 750

1. ; () .
 2. .

;
 - $TR = P \times Q$; ;

- : $\pi = TR - TC$;
- : $\pi = TR - TC$ (FC): 1000 , $Q = 0$,
- () : $VC = TC - FC$;
- : $AVC = \frac{VC}{Q}$.

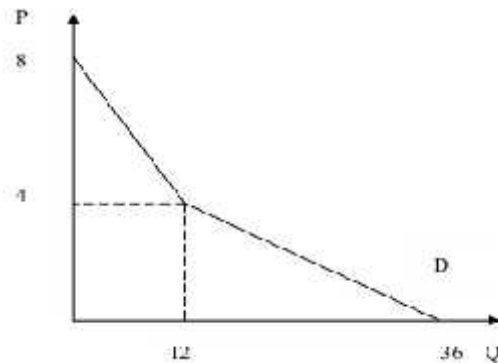
Q ()	0	15	40	63	76	85	90	91
()	1 000	1 250	1 500	1 750	2 000	2 250	2 500	2 750
TR	0	300	800	1 260	1 520	1 700	1 800	1 820
	- 1 000	- 950	-700	- 490	- 480	- 550	- 700	- 930
VC	0	250	500	750	1 000	1 250	1 500	1 750
AVC	-	16,67	12,5	11,9	13,15	14,7	16,67	19,23

- 1) : $Q = 76$, $\pi = -480$ (FC).
- 2) : $AVC = 11,9$

- 1) $Q = 76$, -480
- 2) $11,9$

4. (30) .

$$Q_s = 2p + 20$$



- 1) .
- 2) , P Q
- 3) .
- 4) ?

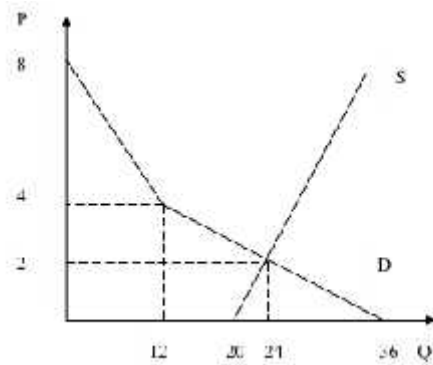
:

- 1) . , , ,

:

$$\begin{cases} Qd = 24 - 3P & 4 < P < 8 \\ Qd = 36 - 6P & P < 4 \end{cases}$$

2)



$$P = 2, Q = 24$$

3)

$$Qd_1 = 24 - 3P$$

$$- 6P) - (24 - 3P) = 12 - 3P, \dots$$

$$Qd_2 = (36 - 6P)$$

4)

$$2$$

$$Qd_1 = 18, Qd_2 = 6$$

$$: 1) \begin{cases} Qd = 24 - 3P & 4 < P < 8 \\ Qd = 36 - 6P & P < 4 \end{cases}$$

$$2) P = 2, Q = 24$$

$$3) Qd_1 = 24 - 3P, Qd_2 = 12 - 3P$$

$$4) Qd_1 = 18, Qd_2 = 6$$

5. (20)

$$Q = -\frac{L^3}{3} + 10L^2 + 150L, L < 25, Q -$$

$$, L -$$

234

(MP_L)

$$(MP_L = Q'). MP_L = -L^2 + 20L + 150.$$

$$MP_L \quad w = 234,$$

$$234$$

$$- L^2 + 20L + 150 = 234$$

$$L,$$

$$L = 6 \quad L = 14.$$

$$L$$

$$L=6$$

216,

L=14

130,67.

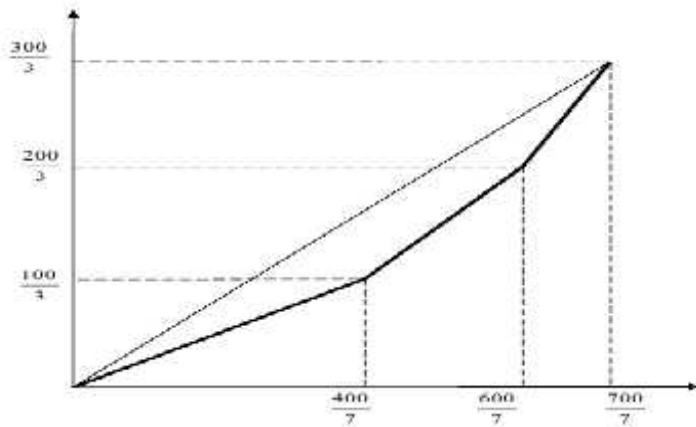
:

$$, \dots L = 0.$$

6. (15).

:

$$\begin{aligned} +2 +4 &= 100 \\ 7 &= 100 \\ 100 \sqrt{7} \end{aligned}$$



$$G = 1 - \frac{\left(\frac{1}{2} \times \frac{100}{3} \times \frac{400}{7} + \left(\frac{100}{3} + \frac{200}{3}\right) \times \frac{200}{7} + \frac{1}{2} \times \left(\frac{200}{3} + \frac{300}{3}\right) \times \frac{100}{7}\right)}{5000} = 0,2857$$

$$: G = 0,2857$$

7. (40).

(-) - (-)

(

(-)

$$F = 300 - Q / 2,$$

$$- F = 200 - Q, \quad Q$$

Q -

).

$$: Q = 300, Q = 50, t = 150 .$$

$$t \cdot Q = 7500$$

$$) 150 \cdot 150 / 2 = 11250.$$

67500.

4.

$$F = 300 - Q / 2 = P \quad F = 200 - Q = P.$$

$$: Q + Q = 350 .$$

$$\begin{cases} F = 300 - Q / 2 = P \\ F = 200 - Q = P \\ Q + Q = 350 \end{cases}$$

$$: Q = 300, Q = 50, p = 150.$$

(175

300

125

$$150 \times 125 = 18750)$$

$$) 150 \times 150 / 2 = 11250.$$

41250.

$$) 150 \times 150 / 2 = 11250$$

, 18750).

7500.

1.

2.

3.

4.

$$Q + Q = 800 .$$

451556,25.

67500

11250.

41250.

7500.