

2016 – 2017
10-11

I

I – 65.

1 (5 - 1)

1	2
2	2
3	1
4	1
5	1

2 (30 - 2)

1	2	9	4
2	3	10	3
3	3	11	2
4	2	12	3
5	4	13	4
6	4	14	1
7	1	15	1
8	1		

3 (30 - 3 ;
0)

1	1, 2, 4	6	1, 3, 4
2	2, 3	7	2, 4, 5
3	1, 2, 3	8	1, 2, 5
4	2, 4	9	1, 2, 4
5	1, 3	10	2, 5

10 (4 - 13) .

1. (30) .

:

$$MR(Q) = MC(Q)$$

$$40 - 2Q = 2Q$$

$$40 = 2Q + 2Q$$

$$40 = 4Q$$

$$Q = 40 : 4 = 10$$

, 10

2. (30)

:

$$\frac{d}{P} = \frac{\Delta Q}{\Delta P} \times \frac{P}{Q} = -0.5$$

$$\frac{\Delta Q}{\Delta P}$$

$$P: \frac{\Delta Q}{\Delta P} = -0.5.$$

$$Q = 9 - 0.5 \times P.$$

$$\frac{d}{P} = -0.5 \times \frac{P}{9 - 0.5 \times P} = -0.5$$

$$\frac{P}{9 - 0.5 \times P} = 1;$$

$$P = 9 - 0.5 \times P;$$

$$1.5 \times P = 9;$$

$$P = \frac{9}{1.5} = 6$$

-0,5

6

$$Q = 9 - 0.5 \times 6 = 6$$

3. (30)

:

1.

a) $300 \dots \times 15\% = 45 \dots (\dots)$

b) $285 \dots \times 20\% = 57 \dots (\dots)$

c) $57 \dots - 45 \dots = 12 \dots (\dots)$

2.

$300 \dots - 285 \dots = 15 \dots$

$300 \dots = 100\%$

$15 \dots = x\%$

$X = 5\%$

4. (40)

:

$(Q_d = Q_s).$

$$700 - 4P = 2P - 200$$

$$-6P = -200 - 700$$

$$-6P = -900$$

$$P = -900 : (-6P)$$

$$P = 150$$

$$Q_d = 700 - 4 \times 150$$

$$Q_d = 700 - 600$$

$$Q_d = 100$$

$$= 150 \quad Q = 100.$$

