

1. (7)

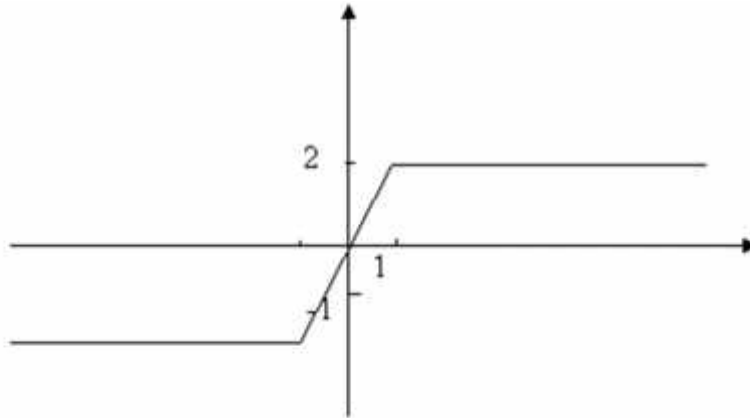
$$: () = \sqrt{(x+1)^2} - \sqrt{(x-1)^2}.$$

:

$$() = |x+1| - |x-1|.$$

	-2	-1	1	2
	-2	-2	2	2

:



- 7 -
- 5 -
- 3 -
- 0 -

2. (7)

ABCD

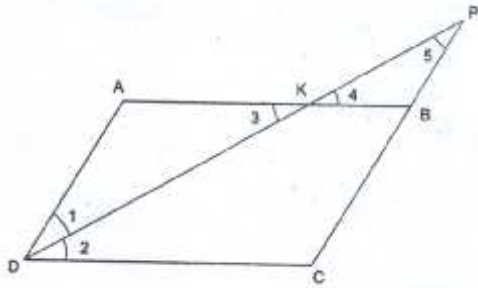
D

$$CDP, \quad = 12, \quad = 9, \quad = 15.$$

:

$$\angle 1 = \angle 2 = \angle 3 = \angle 4 = \angle 5:$$

$$\angle 1 = \angle 2 \text{ ()}, \quad \angle 2 = \angle 3 \text{ ()}, \quad \angle 3 = \angle 4 \text{ ()}, \quad \angle 5 = \angle 1 \text{ ()}.$$



ΔD , ΔD ΔD
 $D =$
 $=$
 21
 D
 $\Delta \sim \Delta D$
 $\Leftrightarrow D = 20.$
 $\frac{A}{K} = \frac{D}{K} \Leftrightarrow \frac{1}{9} = \frac{D}{1}$

$$F_{UC} = 21 + 35 + 21 = 77.$$

: 77.

- 7 -
- 5 -
- 2 -
- 1 -
- 0 -

3. (7)

10 / , - 8 / , ?
 :
 / , / -
 - = 10. , $x \cdot 6 = (x + 10) \cdot 5$, $x = 50$, $y = 40$.
 : 50 / ; 40 / .
 7 - , , .
 5 - , , .
 ,
 3 - .
 1 - .
 0 - .

$$\frac{6}{x-y} - \frac{6}{x-y+2} = 1,$$

4. (7)
 b , $5(u-1) = a^2 + b$.

:
 $5(u-1) = a^2 + b \Leftrightarrow b = -a^2 + 5u - 5$, то $b - a = -a^2 + 4a - 5 = -(a^2 - 4a + 4) - 1 = -(a-2)^2 - 1 \leq -1 < 0$,
 $5(u-1) = a^2 + b$ $b - u < 0 \Leftrightarrow a > b$.
 : $a > b$.

7 - , , .
 5 - , , .
 ,
 1 - .
 0 - .

5. (7)

« » ,
 4- « » ?
 : , « » 5.
 « »
 $5^3=125$ « » $5^2=25$, « »
 $-5^4=625$.
 : 625.
 7 - , , .
 5 - , .
 ,
 1 - .
 0 - .