

Полупроводниковые пластины

A1

A2

A4

A5

№	I_{AB} , мкА	U_{CD} , В	I_{BC} , мкА	U_{AD} , мВ					
1	3,54629	2,34493	3,39748	1292,60					
2	2,61884	2,44468	2,47926	586,702					
3	5,17925	5,78781	5,94724	1066,61					
4	4,19372	6,15852	3,91427	413,574					
5	4,23617	7,59655	2,59756	171,430					
6	3,38492	6,48737	1,99128	110,409					
7	2,71363	5,69583	3,34710	143,456					
8	6,17703	13,4352	5,10356	196,678					
9	1,99034	4,58047	4,39255	141,755					
10	2,52947	6,52510	3,90503	85,4834					
11	3,68191	10,9549	2,78026	35,2373					
12	4,47256	14,6625	3,44098	28,7435					
13	1,37452	4,80083	5,62591	35,0151					
14	5,12978	18,9234	1,79805	8,55459					
15	2,77941	10,5845	3,67439	14,8523					

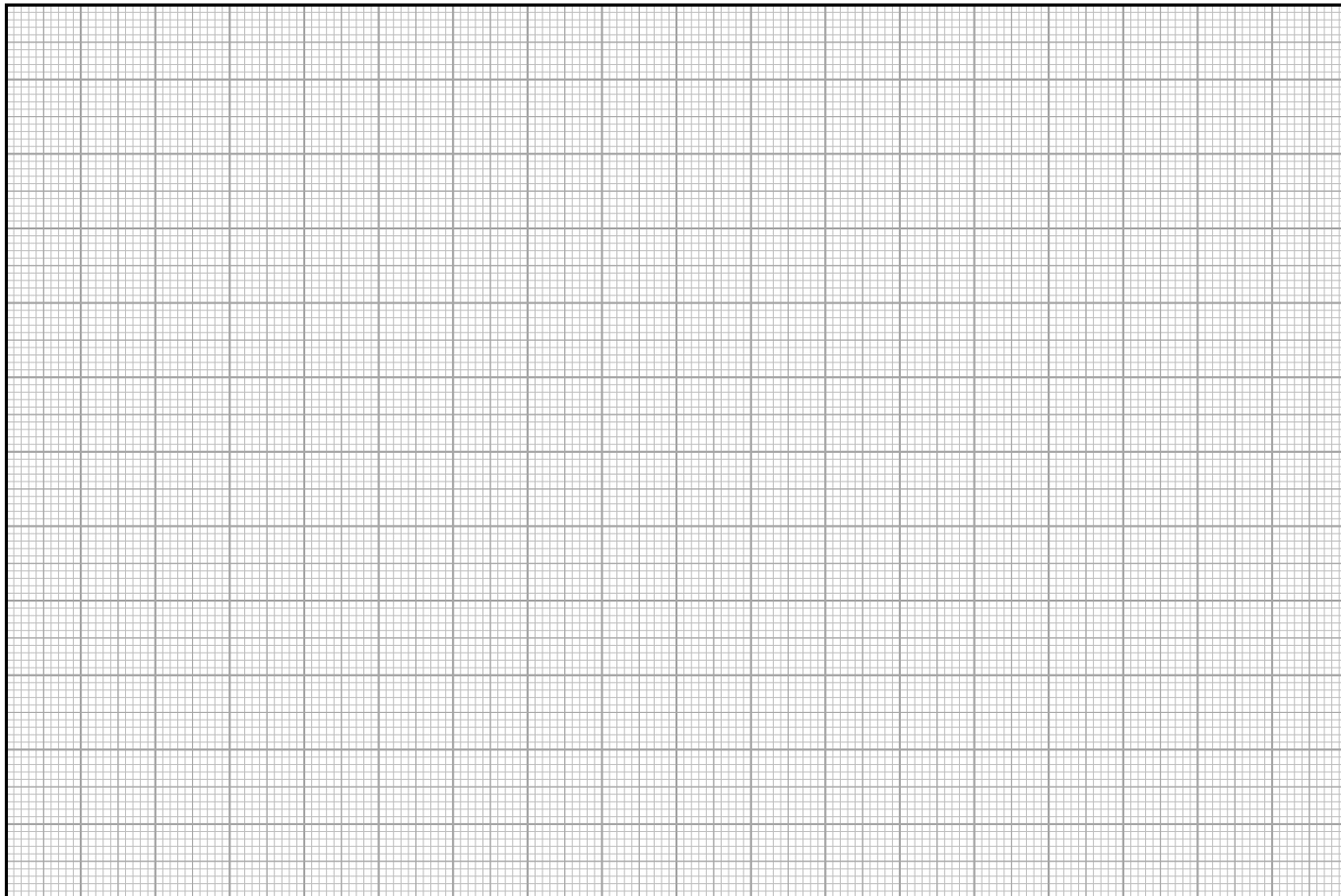
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A3

$$\alpha =$$

$$\beta =$$

A5



$$\rho =$$

B2

$$T_i =$$

$$T_s =$$

B1

Nº	$n, \text{ м}^{-3}$	$T, \text{ К}$					
1	$3,337 \cdot 10^{23}$	30					
2	$5,963 \cdot 10^{23}$	40					
3	$8,712 \cdot 10^{23}$	50					
4	$1,154 \cdot 10^{24}$	60					
5	$1,428 \cdot 10^{24}$	70					
6	$1,706 \cdot 10^{24}$	80					
7	$1,975 \cdot 10^{24}$	90					
8	$2,238 \cdot 10^{24}$	100					
9	$2,495 \cdot 10^{24}$	110					
10	$2,755 \cdot 10^{24}$	120					
11	$2,989 \cdot 10^{24}$	130					
12	$2,955 \cdot 10^{24}$	201					
13	$2,955 \cdot 10^{24}$	272					
14	$2,955 \cdot 10^{24}$	343					
15	$2,996 \cdot 10^{24}$	414					
16	$2,998 \cdot 10^{24}$	629					
17	$3,009 \cdot 10^{25}$	843					
18	$3,187 \cdot 10^{25}$	853					
19	$3,379 \cdot 10^{25}$	863					
20	$3,576 \cdot 10^{25}$	873					
21	$3,785 \cdot 10^{25}$	883					
22	$4,002 \cdot 10^{25}$	893					
23	$4,224 \cdot 10^{25}$	903					
24	$4,455 \cdot 10^{25}$	913					
25	$4,694 \cdot 10^{25}$	923					
26	$4,941 \cdot 10^{25}$	933					
27	$5,197 \cdot 10^{25}$	943					

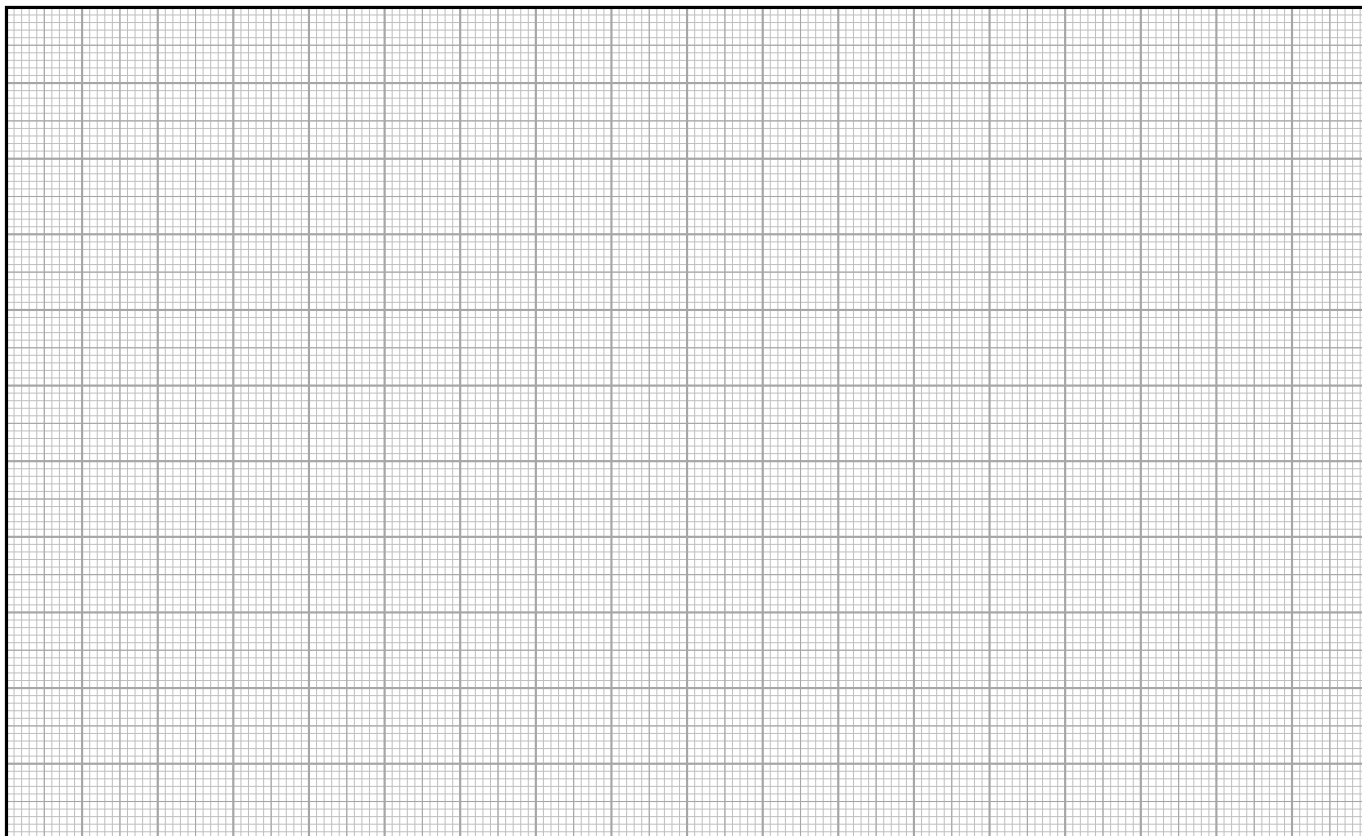
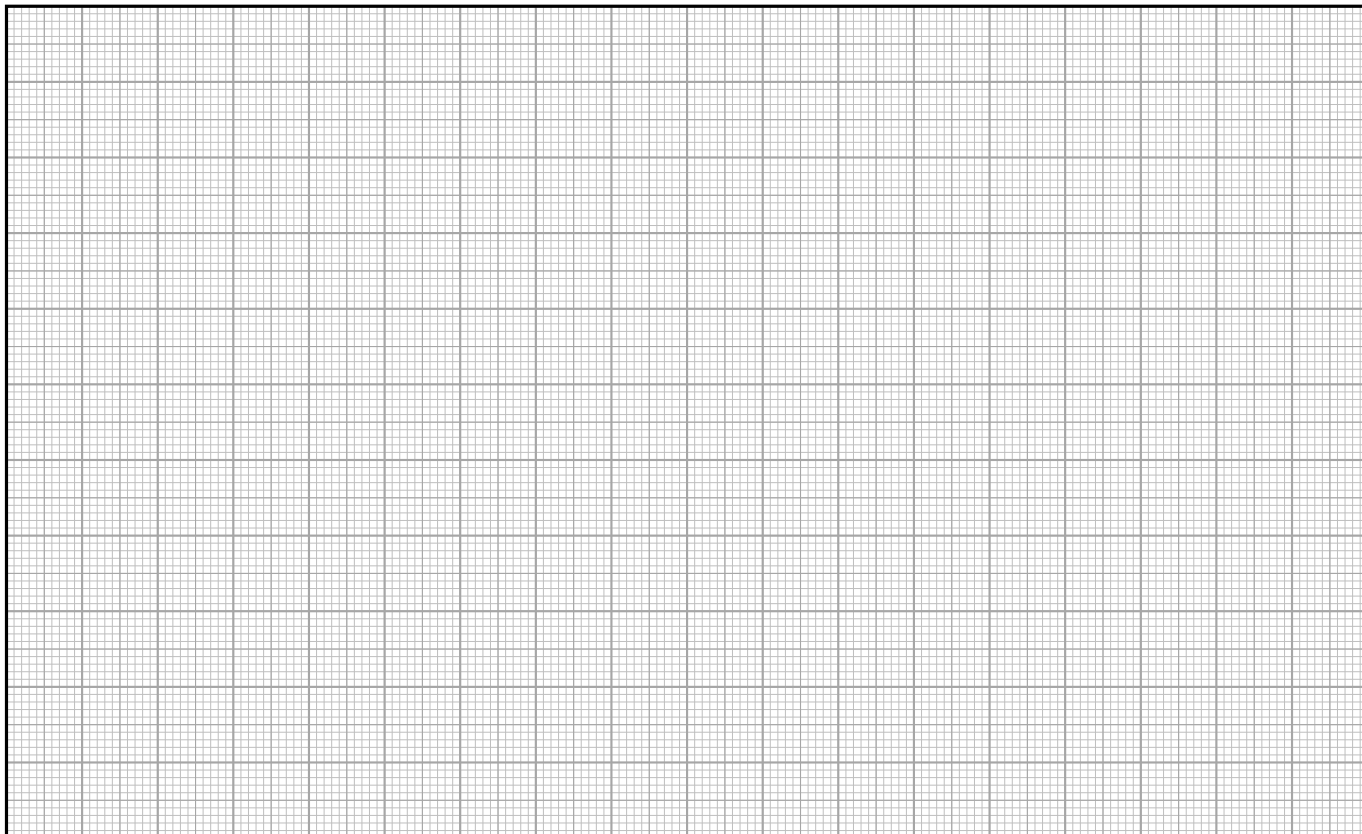
B3

$E_d =$

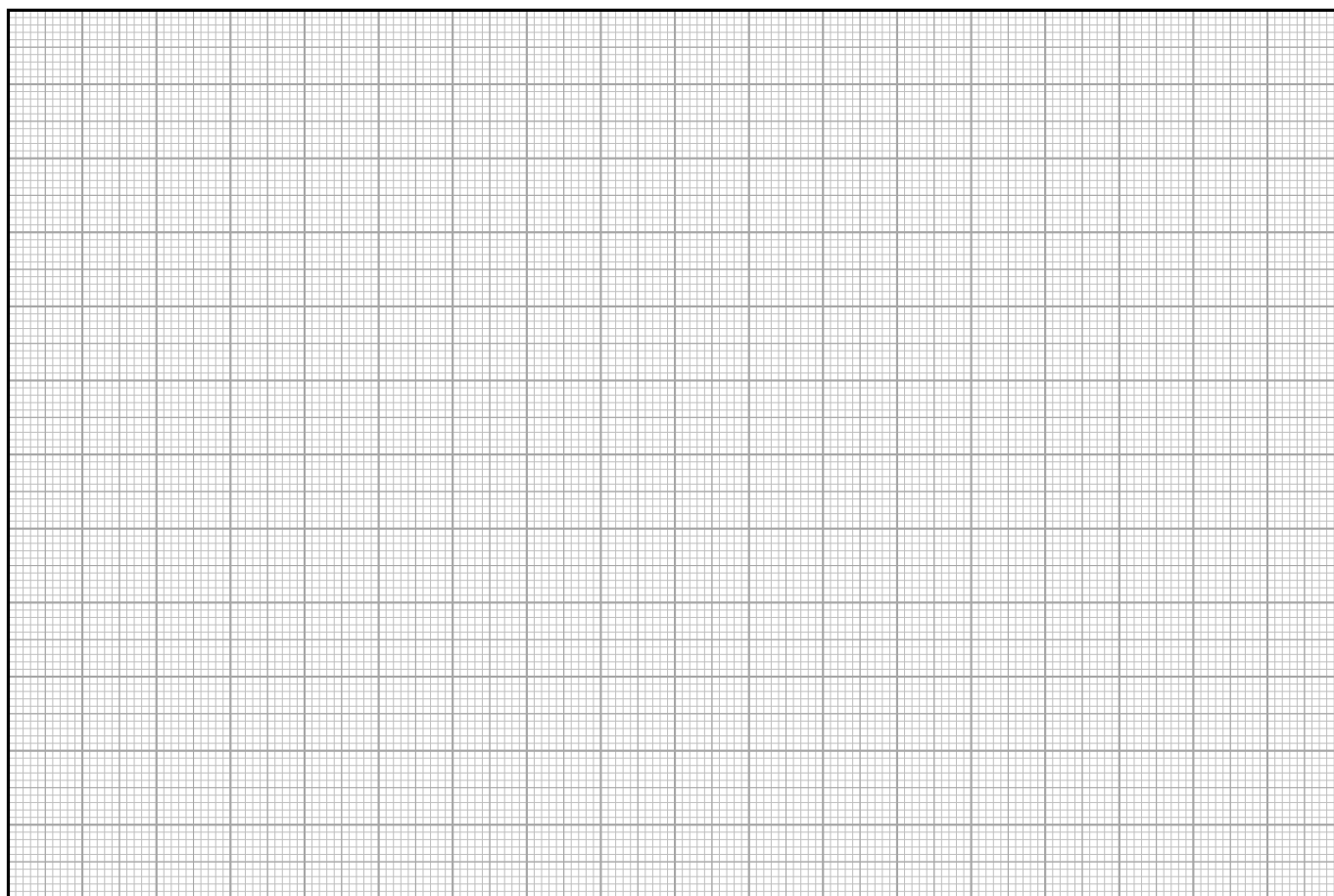
B4

$\Delta E_g =$

B2



B3



B4

