

18. For what value of x is $8^{2x-4} = 16^x$?

(A) 2

Grid-in Questions

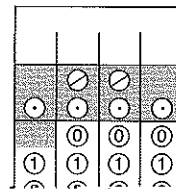
21. In writing all of the integers from 1 to 200,

- (B) 4
- (C) 6
- (D) 8

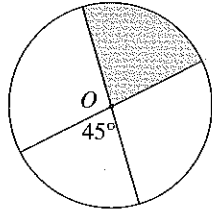
how many times is the digit 1 used?

19. On a certain Russian-American committee, $\frac{2}{3}$

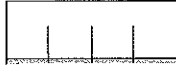
of the members are men and $\frac{3}{4}$ of the men



23. In the figure below, the area of circle O is 12.
What is the area of the shaded sector?



Note: Figure not drawn to scale



25. How many integers between 1 and 1000 are
the product of two consecutive integers?

	○	○	
○	○	○	○
	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8