

Rewriting Factors as Squares

Rewrite the factors listed as an expression with a power of two.

SL NO	QUESTION	ANSWER
1.	$6 \times 7 \times 7 \times 7$	
2.	$4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 5$	
3.	$5 \times 5 \times 5 \times 13$	
4.	$5 \times 5 \times 2 \times 3 \times 3$	
5.	$3 \times 3 \times 3 \times 3 \times 3$	
6.	$5 \times 5 \times 2 \times 39$	
7.	$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 2$	
8.	$2 \times 2 \times 5 \times 29$	
9.	$3 \times 19 \times 19$	
10.	$2 \times 2 \times 3 \times 3 \times 17$	
11.	$3 \times 3 \times 47$	
12.	$2 \times 2 \times 71$	

Name_____

Date_____

Answer Keys

1. $7^3 \times 6$

2. $2^{14} \times 5$

3. $5^3 \times 13$

4. $15^2 \times 2$

5. $9^2 \times 3$

6. $5^2 \times 78$

7. $9^3 \times 6$

8. $2^2 \times 145$

9. $19^2 \times 3$

10. $6^2 \times 17$

11. $3^2 \times 47$

12. $2^2 \times 71$