

Name _____



Factor Count

Directions: Count the repeated factors. Write the missing exponent. Do not multiply.

1) $3 \times 3 \times 3 = 3^{\underline{\hspace{1cm}}}$

2) $8 \times 8 = 8^{\underline{\hspace{1cm}}}$

3) $5 \times 5 \times 5 \times 5 = 5^{\underline{\hspace{1cm}}}$

4) $2 \times 2 \times 2 \times 2 \times 2 \times 2 = 2^{\underline{\hspace{1cm}}}$

5) $9 \times 9 \times 9 = 9^{\underline{\hspace{1cm}}}$

6) $10 \times 10 \times 10 \times 10 \times 10 = 10^{\underline{\hspace{1cm}}}$

7) $4 \times 4 \times 4 \times 4 = 4^{\underline{\hspace{1cm}}}$

8) $6 \times 6 = 6^{\underline{\hspace{1cm}}}$

9) $12 \times 12 \times 12 = 12^{\underline{\hspace{1cm}}}$

10) $7 \times 7 \times 7 \times 7 \times 7 \times 7 = 7^{\underline{\hspace{1cm}}}$

11) $11 \times 11 \times 11 \times 11 = 11^{\underline{\hspace{1cm}}}$

12) $1 \times 1 \times 1 \times 1 \times 1 = 1^{\underline{\hspace{1cm}}}$