

Name _____



Power Of Ten Ladder

Directions: Rewrite each repeated multiplication as a power of 10. Then evaluate the expression.

1. 10×10 = _____ = _____

2. $10 \times 10 \times 10$ = _____ = _____

3. $10 \times 10 \times 10 \times 10$ = _____ = _____

4. $10 \times 10 \times 10 \times 10 \times 10$ = _____ = _____

5. $10 \times 10 \times 10 \times 10 \times 10 \times 10$ = _____ = _____

6. $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$ = _____ = _____

7. $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$ = _____ = _____

8. $10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10 \times 10$ = _____ = _____

9. Complete the pattern. ★

10 = $10^{\underline{\quad}}$ = _____

10×10 = $10^{\underline{\quad}}$ = _____

$10 \times 10 \times 10$ = $10^{\underline{\quad}}$ = _____

$10 \times 10 \times 10 \times 10$ = $10^{\underline{\quad}}$ = _____

_____ ★ _____

10 Challenge: ★



Write a repeated multiplication expression that equals 10^{10} .

Repeated multiplication:

Value:

_____ ★ _____