

Represent Numbers with Exponents



Self-Check: Questions 10–12

Use Self-Check: Questions 10–12 and the Workshop Menu to review your progress with exponents.

10. Complete the missing information in the table.

Number Sentence	Number with Exponent	Product
$2 \times 2 \times 2 \times 2$	2^4	16
	3^3	
5×5		25
$4 \times 4 \times 4 \times 4 \times 4$		
	10^5	100,000

11. **A.** What is the base and the exponent in 5^4 ?
- B.** What is the base and the power in 7^3 ?
- C.** Solve $6^5 = n$. Explain how the exponent helps you solve this problem.