



Place Value & Powers of 10

Name: _____

Date: _____

Grade: Grade 5

Part A: Fill in the Blank

Write the missing word or number on each line.

1. $10^3 =$ _____ .

2. $10^5 =$ _____ .

3. $10^1 =$ _____ .

4. Write 10,000 using an exponent: 10 to the power of _____ .

5. $8 \times 10^4 =$ _____ .

6. $3.5 \times 10^2 =$ _____ .

7. Write 1,000,000 using an exponent: 10 to the power of _____ .

8. Compare: 4×10^3 _____ 400 (write >, <, or =).

9. Compare: 7×10^2 _____ 7×10^4 (write >, <, or =).

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

10^2	→ _____	1,000,000
5×10^3	→ _____	5,000
10^6	→ _____	100
2×10^4	→ _____	20,000

Part A: Fill in the Blank

Write the missing word or number on each line.

- $10^3 = \underline{1,000}$.
- $10^5 = \underline{100,000}$.
- $10^1 = \underline{10}$.
- Write 10,000 using an exponent: 10 to the power of 4 .
- $8 \times 10^4 = \underline{80,000}$.
- $3.5 \times 10^2 = \underline{350}$.
- Write 1,000,000 using an exponent: 10 to the power of 6 .
- Compare: $4 \times 10^3 > \underline{\hspace{1cm}}$ 400 (write >, <, or =).
- Compare: $7 \times 10^2 < \underline{\hspace{1cm}}$ 7×10^4 (write >, <, or =).

Part B: Matching

Match each item on the left to the correct answer on the right.

- Match each item to its correct answer.

10^2	→ <u>100</u>	1,000,000
5×10^3	→ <u>5,000</u>	5,000
10^6	→ <u>1,000,000</u>	100
2×10^4	→ <u>20,000</u>	20,000