



# Place Value & Powers of 10

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 5

## Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: 3,450,000 is less than 3,045,000 because 45 is less than 45.

Rewrite: \_\_\_\_\_

2. Fix the sentence: When you multiply 56 by 10, the digits shift one place to the left and you get 5,600.

Rewrite: \_\_\_\_\_

3. Fix the sentence: The number 8,200,000 has a 2 in the ten-thousands place.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. Compare using  $>$ ,  $<$ , or  $=$ : 5,320,000 \_\_\_\_\_ 5,302,000.

2. Order from least to greatest: 740,000 ; 704,000 ; 7,400,000. Answer: \_\_\_\_\_ .

3. The digit 6 in 1,600,000 is worth \_\_\_\_\_ times the digit 6 in 16,000.

4. In the number 9,085,400 the digit in the millions place is \_\_\_\_\_ .

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. Which is greater, 2,950,000 or 2,590,000? Explain how you decided by looking at the digits.

\_\_\_\_\_  
\_\_\_\_\_

2. The digit 5 appears in both 5,000 and 500,000. How many times greater is the value of the 5 in 500,000 than in 5,000? Show your reasoning.

\_\_\_\_\_  
\_\_\_\_\_

## Answer Key · Place Value & Powers of 10 · Grade: Grade 5

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### Part A: Fix the Sentence

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Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: 3,450,000 is less than 3,045,000 because 45 is less than 45.

Rewrite: **3,450,000 is greater than 3,045,000 because the hundred-thousands digit 4 is greater than the 0 in 3,045,000.**

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2. Fix the sentence: When you multiply 56 by 10, the digits shift one place to the left and you get 5,600.

Rewrite: **When you multiply 56 by 10, the digits shift one place to the left and you get 560, not 5,600.**

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3. Fix the sentence: The number 8,200,000 has a 2 in the ten-thousands place.

Rewrite: **The number 8,200,000 has a 2 in the hundred-thousands place, not the ten-thousands place.**

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### Part B: Fill in the Blank

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Write the missing word or number on each line.

- Compare using  $>$ ,  $<$ , or  $=$ : 5,320,000  $>$  5,302,000.
- Order from least to greatest: 740,000 ; 704,000 ; 7,400,000. Answer:  
**704,000 ; 740,000 ; 7,400,000** .
- The digit 6 in 1,600,000 is worth **100** times the digit 6 in 16,000.
- In the number 9,085,400 the digit in the millions place is **9** .

### Part C: Short Answer

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Answer each question in one or two complete sentences.

1. Which is greater, 2,950,000 or 2,590,000? Explain how you decided by looking at the digits.

***2,950,000 is greater. Both have 2 in the millions place, but 9 hundred-thousands is greater than 5 hundred-thousands.***

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2. The digit 5 appears in both 5,000 and 500,000. How many times greater is the value of the 5 in 500,000 than in 5,000? Show your reasoning.