



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.

- Compare using $>$, $<$, or $=$: 5,320,000 _____ 5,302,000.
- Order from least to greatest: 740,000 ; 704,000 ; 7,400,000. Answer:
_____ .
- The digit 6 in 1,600,000 is worth _____ times the digit 6 in 16,000.
- 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 B: Fill in the Blank

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

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.

