

Big Numbers

Circle the letter of the best answer.

Name _____ Date _____

1. How many zeros does the number ten thousand (10,000) have?

A) 4 B) 6 C) 3 D) 5

Working

2. How do you write 7,089 in words?

A) seven thousand ninety B) eighty nine
C) seven thousand eighty nine D) seven hundred eighty nine

Working

3. In the number 93,047, which place does the digit 9 occupy?

A) hundreds B) ten thousands C) thousands D) tens

Working

4. What is the expanded form of 6,809?

A) $6000 + 80 + 9$ B) $600 + 800 + 9$ C) $6000 + 800$ D) $6000 + 800 + 9$

Working

5. What is the place value of the digit 8 in 58,396 (not its face value)?

A) 8 B) 80,000 C) 800 D) 8,000

Working

6. The number 'seventy thousand five hundred nine' has which digit in its thousands place?

A) 9

B) 5

C) 0

D) 7

Working

7. Arrange these numbers in descending order: 563, 60,214, 7,345.

A) 60,214, 7,345, 563

B) 7,345, 60,214, 563

C) 563, 60,214, 7,345

D) 563, 7,345, 60,214

Working

8. Using the digits 3, 7, 0, 1 exactly once each, what is the smallest four-digit number you can form?

A) 0137

B) 1037

C) 1307

D) 7310

Working

9. A number was 42,315. After changing one digit, it became 42,615. Which place's digit was changed?

A) ten thousands

B) thousands

C) millions

D) hundreds

Working

10. Which is bigger: 8,734 or 91,205?

A) 8,734

B) 91,205

C) 91,250

D) 8,735

Working

Answer key — fold under before giving this to a child

1. A 2. C 3. B 4. D 5. D 6. C 7. A 8. B 9. D 10. B

1. A) 4

Ten thousand is written as 10,000, which has 4 zeros after the digit 1.

2. C) seven thousand eighty nine

7,089 is read group by group from the left as 'seven thousand eighty nine'.

3. B) ten thousands

Counting from the right, the digit 9 in 93,047 sits in the ten thousands place.

4. D) $6000 + 800 + 9$

6,809 splits by place value into $6000 + 800 + 9$, one term for each non-zero digit.

5. D) 8,000

Counting places from the right, the digit 8 in 58,396 is in the thousands place, so its place value is 8,000.

6. C) 0

'seventy thousand five hundred nine' is written as 70,509, and the digit in the thousands place is 0.

7. A) 60,214, 7,345, 563

Counting digits first and then comparing leading digits gives the descending order: 60,214, 7,345, 563.

8. B) 1037

To make the smallest number, place the smallest non-zero digit first, then arrange the rest (including any zeros) in increasing order, giving 1037.

9. D) hundreds

42,615 is exactly 300 more than 42,315, and adding 300 only changes the digit in the hundreds place.

10. B) 91,205

91,205 has more digits than 8,734, so it is the bigger number.