

Part A:

1. Identify the value of the underlined digit 123,924.

900

2. What digit is in the hundred thousandths place 357,612?

a. 3

b. 2

c. 5

d. 7

3. The value of 6 in 126,871 is 100 times greater than the value of 6 in ____.

a. 913,642

b. 612,345

c. 724,236

d. 234,562

4. What digit is in the thousands place? 578,234

a. 5

b. 2

c. 7

d. 8

5. What is the value of the 7 in the following number? 3,476,189

a. 70,000

b. 7,000

c. 700,000

d. 70

Part B:

6. The state of Tennessee has a population of eight hundred forty-two thousand, seven hundred ninety-two. What is this value in expanded notation?

$$(8 \times 100,000) + (4 \times 10,000) + (2 \times 1,000) + (7 \times 100) + (9 \times 10) + (1 \times 2)$$

Write the following numbers in expanded form.

7. Standard: 657,239

Expanded: $600,000 + 50,000 + 7,000 + 200 + 30 + 9$

8. Standard: 23,841

Expanded: $20,000 + 3,000 + 800 + 40 + 1$

9. Write the following number in standard form: 6 ones, 5 tens, 14 hundreds, 9 thousandths, 3 ten thousandths, 2 hundred thousandths.

$$240,456$$

Part C:

10. The planet Saturn has a diameter of 84,691 miles. What is the value rounded to the nearest thousand?

- a. 86,000
- b. 80,000
- c. 85,000
- d. 84,000

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11. Round the following number to the nearest thousand. 561,345

- a. 562,000
- b. 561,000
- c. 560,000
- d. 570,000

Part D:

Directions:

Compare the two numbers in each problem. Write whether $<$, $>$, or $=$ in the circle.

12. 56,234 $\textcircled{<}$ 57,234

13. 78,364 $\textcircled{>}$ 78,353

14. 234,642 $\textcircled{=}$ 234,642

Order from least to greatest

17. 4,561 , 5,223 , 3,641

3,641 , 4,561 , 5,223

18. 561,234 , 562,872 , 551,234

551,234 , 561,234 , 562,872

Part E:

19. $40,000 + 6 + 200,000 + 7,000 + 80 + 300 = 247,386$

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20. $800,000 + 200 + 9 + 30 + 7,000 + 50,000 = 857,239$