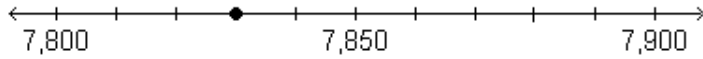


1 Which number is marked by the dot on the number line?



- A 7,818
- B 7,830
- C 7,820
- D 7,880

2 What is the value of the 4 in 743,279?

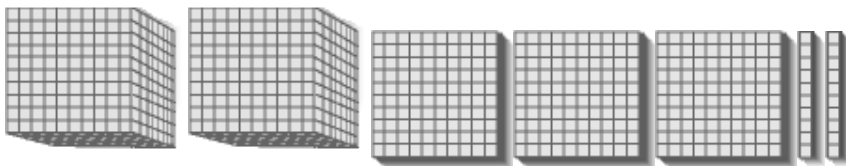
- A 400
- B 4,000
- C 40,000
- D 400,000

3 What is the number below written in standard form?

$$900,000 + 10,000 + 4,000 + 700 + 30$$

- A 9,473
- B 91,473
- C 914,730
- D 9,147,300

4 What number do these place-value blocks show?



- A 2,320
- B 3,220
- C 5,002
- D 5,240

Study Guide Topic 3

- 5 The odometer of Mr. Lee's car is shown here.

5	8	1	6	2
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What will the odometer show after he has traveled 1,000 more miles?

- A 59,163
B 58,262
C 59,162
D 68,162
- 6 What is the value of the 5 in 3,156?
- A 5,000
B 500
C 50
D 5
- 7 Which of the following names the value of the 5s in the number 5,055?
- A 5,000, 500, 50
B 5,000, 500, 5
C 5,000, 50, 5
D 500, 50, 5
- 8 Which symbol makes the statement true?

$$1,478 \square 1,492$$

- A $>$
B $<$
C $=$
D $+$

9 Which number could be written in the box to make the number sentence correct?

$$406 > \square$$

- A 46
- B 460
- C 777
- D 406

10 Which number could be written in the box to make the number sentence correct?

$$689 < \square$$

- A 568
- B 578
- C 671
- D 691

11 Which number could be written in the box to make the number sentence correct?

$$10,403 > \square$$

- A 10,430
- B 10,100
- C 10,403
- D 14,300

12 The chart gives the diameters of Earth and the five closest planets.

DIAMETER OF THE CLOSEST PLANETS

Planet	Diameter (in kilometers)
Mercury	4,880
Venus	12,100
Earth	12,756
Mars	6,794
Jupiter	142,800
Saturn	120,660

Which of these statements is NOT true about the diameter of Venus?

- A It is greater than the diameter of Mercury.
- B It is less than the diameter of Earth.
- C It is less than the diameter of Mars.
- D It is greater than the diameter of Mars.

13 Which list shows the numbers in order from least to greatest?

- A 1,105 1,155 1,205 1,502
- B 1,105 2,205 1,155 1,502
- C 2,205 1,155 1,502 1,105
- D 1,502 2,205 1,155 1,105

14 Order the numbers from least to greatest.

93,640 93,460 92,577

- A 93,640, 93,460, 92,577
- B 92,577, 93,460, 93,640
- C 92,577, 93,640, 93,460
- D 93,460, 93,640, 92,577

Study Guide Topic 3

15 Which statement is NOT true?

- A $4,926 < 9,426$
- B $4,926 < 4,962$
- C $4,926 < 4,629$
- D $4,926 > 4,296$

16 Which statement is true?

- A $875,500 < 875,000$
- B $875,500 < 875,505$
- C $578,050 > 578,500$
- D $785,000 > 840,055$

17 In 2000, the population of Sacramento, California, was 407,018. Which of the following is NOT greater than 407,018?

- A 408,780
- B 407,081
- C 400,781
- D 407,080

18 Round 232,832 to the nearest ten thousand.

- A 220,000
- B 230,000
- C 240,000
- D 300,000

19 Round 1,576 to the nearest hundred.

- A 1,400
- B 1,600
- C 1,700
- D 1,800

Study Guide Topic 3

- 20 Round 341,421 to the nearest ten thousand.
- A 300,000
 - B 330,000
 - C 340,000
 - D 350,000
- 21 The area of the state of New York is 54,520 square miles. Which of the following is greater than 54,520?
- A 54,250
 - B 54,550
 - C 54,205
 - D 54,200
- 22 Nader has a blue sticker, a red sticker, and a yellow sticker. He wants to give two of the stickers to his little sister. How many different combinations of colored stickers can he give to his sister?
- A 3
 - B 4
 - C 5
 - D 6
- 23 Jeanine wants to place her math book, science book, and history book in a row on a shelf. How many different ways can she place the books in a row?
- A 1
 - B 3
 - C 6
 - D 9
- 24 Sandwich buns are sold in packages of either 8 or 12 buns. How many ways can Matt buy exactly 48 buns?
- A 2
 - B 3
 - C 6
 - D 8

- 25 When Shari paid for her groceries at the market, she got 30 cents in change from the cashier. The cashier had only dimes and nickels in the cash register. How many different ways could the cashier have given Shari her change?
- A 2
 - B 4
 - C 6
 - D 8