

**Second Grade- Second Nine-Week
Math Study Guide 2018**

a.m. before noon; the time between 12 midnight and 12 noon	digital clock a clock that shows time in numbers	hour a unit of time equal to 60 minutes	value The amount or value of a number 378- The value of the 3 is 300, 7 is 70 and the value of the 8 is 8 ones	p.m. afternoon; the time between 12 noon and 12 midnight
analog clock a clock with a minute hand and an hour hand	word form of a number Writing a number in word form (ex: sixty)	expanded Form Writing a number using the value of each digit. 245 = 200 + 40 + 5	minute A unit of time equal to 60 seconds	greater than > a symbol that shows a relationship between numbers; more than
equation A number sentence that uses the equal sign to show that two amounts are equal	digit The symbols 0,1,2,3,4,5,6,7,8,9, used to write numbers	compare To determine how numbers, objects, or shapes are alike or different	hundreds A group or bundle of ten tens; in place value, the place to the left of the tens place	expanded form a way to write numbers that shows the value of each digit
Inverse (opposite) The inverse of addition is subtraction.	decompose Breaking numbers into tens and ones; breaking wholes into parts	compose joining parts to make a whole; joining numbers to create tens	equal (s) = Being exactly the same in amount or value	less than < A symbol that shows the relationship between numbers, not as many
tens A group or bundle of ten ones; in place value, the place to the left of the ones place	ones The number of single objects less than ten; in place value, the units place	sum The name of the answer in an addition equation	difference The name of the answer in a subtraction equation	array Items arranged in rows and columns

(2.OA.1) Represent and solve addition and subtraction word problems within 100.

<p>1. Hal has seventy-five crayons. He used thirty-six crayons. Which number sentence can be used to solve the problem?</p> <p>A. $75 + 63 = \underline{\quad}$ B. $75 - 36 = \underline{\quad}$ C. $36 - \underline{\quad} = 75$ D. $\underline{\quad} - 36 = 75$</p> <hr/>
<p>2. There are 73 green crayons in the box. There are 68 blue crayons in the box. How many crayons are there altogether?</p> <p>A. 5 B. 143 C. 141 D. 13</p> <hr/>
<p>3. There are 67 marbles in a bag. 42 of the marbles are green. The rest of the marbles are orange How many orange marbles are in the bag?</p> <p>A. 50 B. 109 C. 25 D. 100</p> <hr/>
<p>4. Wendy had 19 pencils. If she used thirteen of them, How many would she have left?</p> <p>A. 32 B. 5 C. 25 D. 6</p> <hr/>
<p>5. Forty-three birds in the cage. Twenty-six birds are green. The rest of the birds are blue. How many birds are blue? Which number sentence can be used to solve the problem?</p> <p>A. $43 + 26 = \underline{\quad}$ B. $43 - 26 = \underline{\quad}$ C. $26 - \underline{\quad} = 43$ D. $\underline{\quad} + 43 = 26$</p> <hr/>
<p>6. Eighty -three crayons in the box. Sixty-seven of the crayons are black. The rest of the crayons are brown. How many crayons are brown? Which number sentence can you use to solve the problem?</p> <p>A. $83 - 67 = \underline{\quad}$ B. $83 + \underline{\quad} = 67$ C. $67 + 83 = \underline{\quad}$ D. $\underline{\quad} + 83 = 67$</p>

OA.3-Determine whether a group of objects, has an odd or even number

<p>7. What is true about the number 874?</p> <p>A. It is an odd number. C. It is not odd or even. B. It is an even number. D. It is both odd and even.</p>
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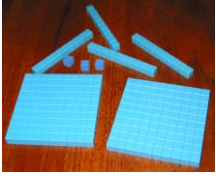
(2.NBT.3) Red and write numbers within 1,000 using base-ten numerals, number names, and expanded form

8. What is the place of the underlined digit? 164
A. ones B. tens C. hundreds D. thousands

9. Solve:
43 tens + 2 ones = _____

A. 46 B. 432 C. 433 D. 63

10. Look at the number of cubes.



What number is represented in the drawing?

A. 1, 243 B. 240 C. 323 D. 243

11. How many tens are in the number 583?

583 = _____ tens + 3 ones

A. 583 B. 500 C. 58 D. 80

12. How is the number 473 written in words?

A. forty seven three C. four hundred seventy-three
B. four hundred thirty-seven D. forty-seven and three

13. What is 450 written in expanded form?

A. 4,000 + 500 B. 400 + 500 C. 400 + 50 D. 40 + 50

(2.NBT.4) Comparing numbers up to 999

14. Which statement is true?

A. 150 is greater than 165 C. 165 is less than 150
B. 150 is equal to 165 D. 150 is less than 165

Compare using , < , > , =

15. 249 two hundred nine

16. $2 + 60 + 800$ 682

17. 348 three hundred forty- eight

18. Which statement is true?

A. 632 is greater than 875. C. 632 is equal to 875.

B. 632 is less than 875. D. 875 is less than 632

(2.NBT.6) Adding three two-digit numbers

19. Add to find the sum $36 + 24 + 28 =$ ____ A. 99 B. 818 C. 88 D. 98

20. There are 24 red crayons, 53 blue crayons, and 12 orange crayons in a bag.

How many crayons are in the bag?

A. 189 B. 89 C. 818 D. 98

21. Mary has the following number of butterflies in her collection.

Butterflies	Number of Each Butterfly Seen
Blue Butterflies	42
Red Butterflies	26
Green Butterflies	21

How many butterflies does Mary have in her collection?

- A. 88 B. 89 C. 912 D. 92

(2.NBT.7) Add or subtract within 1,000 using different methods: properties of operations, place value relationships between addition and subtraction. Know how to compose (regroup) and decompose (borrow) numbers to add and subtract.

22.
$$\begin{array}{r} 62 \\ - 38 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 76 \\ + 28 \\ \hline \end{array}$$

24. Write the number that comes before and after each number in bold print.

_____ **299** _____
number before number after

(2.NBT.8) Mentally add 10 or 100 to a given number

25. What number is ten **more** than 112? _____

26. What is 10 **less** than 198? _____

27. What is one hundred less than 538? A. 638 B. 438 C. 548 D. 528

28. What is one hundred more than 420? A. 320 B. 450 C. 520 D. 400

29. What is the last number in this pattern? 834, 824, 814, _____

30. Count by 10, what numbers go in the blanks?

320, _____, 340, _____, 360

- A. 330 and 370 B. 330 and 350 C. 325 and 345 D. 303 and 305

31. Sam had 625 apples. Marc has ten less apples. How many apples does Marc have?

- A. He has 725 apples. C. He has 525 apples.
B. He has 615 apples. D. He has 635 apples.

32. Fran has forty more cookies than Sue. Sue has 87 cookies. How many cookies does Fran have?

- A. 347 B. 427 C. 127 D. 287

(2.MD.7) Telling time with an analog or digital clock to the nearest five minutes.

33. What time is shown on the clock below?



_____ : _____

34. John is eating dinner. What time would it most likely be?

- A. 2:00 am B. 6:00 am C. 6:00 pm D. 8:00 am

35. What time is shown on the clock?



- A. 9:40 B. 8:40 C. 9:08 D. 8:90

36. Look at the clock.



What is another way to write the time?

- A. Three forty B. eight twenty C. half past eight D. a quarter after eight

37. Which analog clock has the same time as the digital clock? 2:45



A



B



C



D

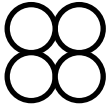
38. What is another way to read the time on the clock?

8:30

- A. half past 8 B. a quarter till 8 C. a quarter after 8 D. eight o'clock

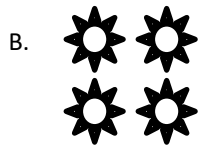
(2.OA.4) Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.

39. Which repeated addition sentence tells how can you count the number of cookies?



- A. $3 + 3 + 3 = 9$ B. $2 + 2 = 4$ C. $3 + 3 = 6$ D. $4 + 4 + 4 = 25$

40. Which picture represents the number sentence $2 + 2 = 4$?



Answers

1. B	2. C	3. C	4. D	5. B
6. A	7. B	8. A	9. B	10. D
11. C	12. C	13. C	14. D	15. >
16 >	17. =	18. B	19. C	20. B
21. B	22. 24	23. 104	24. 298 , 300	25. 122
26. 188	27. B	28. 520	29. 804	30. B
31. B	32. C	33. 4:30	34. C	35. B
36. D	37. A	38. A	39. B	40. B