

Read and Write Numbers to 1000

Standard: 2.NBT.A.3

Part A. Write each number in standard form (using digits).

1. three hundred forty-two _____

2. six hundred eight _____

3. $500 + 70 + 1$ _____

4. $900 + 30$ _____

Part B. Write each number in word form.

5. 216

6. 450

7. 703

Part C. Write each number in expanded form.

8. $385 =$ _____ $+$ _____ $+$ _____

9. $620 =$ _____ $+$ _____

10. $809 =$ _____ $+$ _____

Show your thinking: Write 470 in words. Why is there no ones word in your answer?

Read and Write Numbers to 1000 (continued)

Standard: 2.NBT.A.3

Part D. Complete the table. Each row shows the same number three ways.

	Standard form	Word form	Expanded form
11.	154		
12.		two hundred ninety	
13.			600 + 3
14.	817		

Part E. Solve.

15. Write the number that has 4 hundreds, 5 tens, and 9 ones: _____
16. Write 1000 in words: _____
17. What number is $700 + 0 + 8$? _____
18. Ava wrote three hundred five as 350. What mistake did she make? Write the correct number.

Show your thinking: Write your own three-digit number three ways.

Four Ways to Show a Number

Standard: 2.NBT.A.3

Each number is given one way. Show it the other three ways.

1. Show the number four ways.

Standard form 236	Word form
Expanded form	Base-ten drawing

2. Show the number four ways.

Standard form	Word form four hundred ten
Expanded form	Base-ten drawing

3. Show the number four ways.

Standard form	Word form
Expanded form 100 + 70 + 5	Base-ten drawing

Show your thinking: Which way of showing a number is easiest for you? Why?

Comparing Three-Digit Numbers

Standard: 2.NBT.A.4

Part A. Write $>$, $<$, or $=$ in each circle.

1. 345 ○ 354

2. 620 ○ 602

3. 199 ○ 201

4. 480 ○ 480

5. 731 ○ 713

6. 256 ○ 265

7. 900 ○ 899

8. 417 ○ 471

9. 305 ○ 305

10. 568 ○ 586

11. 842 ○ 824

12. 150 ○ 105

Show your thinking: To compare 345 and 354, which place do you look at first? Why?

Comparing Three-Digit Numbers (continued)

Standard: 2.NBT.A.4

Part B. Compare. Write $>$, $<$, or $=$.

13. $500 + 40 + 2$ ○ $500 + 20 + 4$

14. $300 + 8$ ○ $300 + 80$

Part C. Write the numbers in order from least to greatest.

15. 421, 412, 214 _____, _____, _____

16. 690, 609, 960 _____, _____, _____

Part D. Solve.

17. Write a number that is greater than 570 but less than 580: _____

18. Write a number less than 300 that has a 9 in the tens place: _____

19. Circle True or False: $806 > 860$ True False

20. Compare 4 hundreds 3 tens 2 ones and 432. Write $>$, $<$, or $=$: _____

Show your thinking: Explain how you put the numbers in order in problem 15.

Greater, Less, or Equal? Explain

Standard: 2.NBT.A.4

Compare the numbers. Fill in the sentence frame to explain.

1. 527 and 572

_____ is greater than _____ because the hundreds are the same and _____ tens is more than _____ tens.

2. 830 and 380

_____ is greater than _____ because _____ hundreds is more than _____ hundreds.

3. 604 and 640

_____ is less than _____ because _____.

4. 295 and 295

_____ is equal to _____ because _____.

Write $>$, $<$, or $=$. Then explain in your own words.

5. 418 ○ 481

6. 750 ○ 705

Show your thinking: Jada says $199 > 200$ because 9 is bigger than 0. Explain her mistake.

Add and Subtract Within 100

Standard: 2.NBT.B.5

Solve each problem. Use a strategy you know: place value, make a ten, or count on.

1. 34 + 25	2. 47 + 38	3. 62 - 31	4. 70 - 24	5. 56 + 27
6. 89 - 45	7. 18 + 66	8. 93 - 58	9. 41 + 19	10. 85 - 60

Show your thinking: Pick one addition problem above. Explain the strategy you used.

Add and Subtract Within 100 (continued)

Standard: 2.NBT.B.5

Solve each problem. Check your work.

11. 29 + 53 _____	12. 74 - 37 _____	13. 63 + 24 _____	14. 50 - 18 _____	15. 36 + 46 _____
16. 97 - 42 _____	17. 45 + 45 _____	18. 81 - 29 _____	19. 22 + 67 _____	20. 100 - 35 _____

Show your thinking: Pick one subtraction problem above. Explain the strategy you used.

Strategy Spotlight: Make a Ten and Open Number Lines

Standard: 2.NBT.B.5

Part A. Make a ten

Example: $38 + 7$ $38 + 2 = 40$, then $40 + 5 = 45$. So $38 + 7 = 45$.

1. $47 + 6$ $47 + \underline{\quad\quad} = 50$, then $50 + \underline{\quad\quad} = \underline{\quad\quad}$ So $47 + 6 = \underline{\quad\quad}$

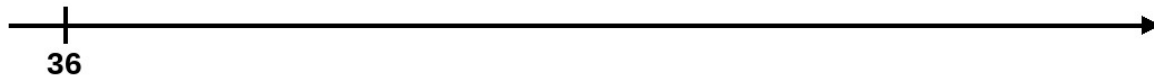
2. $29 + 8$ $29 + \underline{\quad\quad} = 30$, then $30 + \underline{\quad\quad} = \underline{\quad\quad}$ So $29 + 8 = \underline{\quad\quad}$

3. $65 + 9$ $65 + \underline{\quad\quad} = 70$, then $70 + \underline{\quad\quad} = \underline{\quad\quad}$ So $65 + 9 = \underline{\quad\quad}$

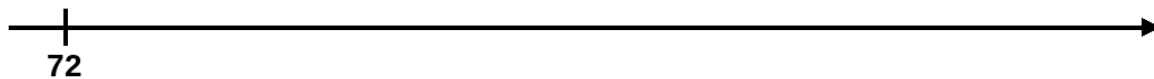
Part B. Open number lines

Draw jumps on the number line. Label each jump. Write the answer.

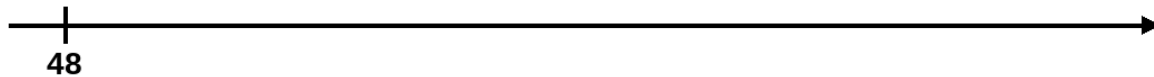
4. $36 + 25 = \underline{\quad\quad}$ (Try jumping +20, then +5.)



5. $72 - 34 = \underline{\quad\quad}$ (Try jumping back 30, then back 4.)



6. $48 + 27 = \underline{\quad\quad}$ (Choose your own jumps.)



Show your thinking: Which strategy do you like best, make a ten or the open number line? Why?

Adding Three and Four Two-Digit Numbers

Standard: 2.NBT.B.6

Part A. Add the three numbers. Look for pairs that make a ten.

1. 12 23 + 34	2. 25 31 + 40	3. 18 22 + 35
4. 27 27 + 13	5. 41 16 + 29	6. 33 19 + 24

Part B. Solve.

7. $20 + 30 + 40 =$ _____

8. $15 + 15 + 15 =$ _____

Show your thinking: In problem 4, which two numbers would you add first? Why?

Adding Three and Four Two-Digit Numbers (continued)

Standard: 2.NBT.B.6

Part C. Add the four numbers.

9. 10 20 30 + 15 	10. 12 18 25 + 30 	11. 21 14 16 + 22 	12. 25 25 13 + 17
---	--	--	--

Part D. Solve.

13. $11 + 22 + 33 + 11 =$ _____

14. $40 + 15 + 25 + 10 =$ _____

15. Sam read 12 pages, 15 pages, 18 pages, and 20 pages on four days. How many pages did Sam read in all? _____ pages

16. Circle the pairs that make tens. Then add: $36 + 14 + 22 + 18 =$ _____

Show your thinking: Show how grouping helped you in problem 16.

Grouping to Add: Word Problems

Standard: 2.NBT.B.6

Read each problem. Write an equation. Group numbers that make a ten if you can. Solve.

1. Lily counted 14 red beads, 26 blue beads, and 30 yellow beads. How many beads did Lily count?

Equation: _____ Answer: _____ beads

2. The class collected 18 cans on Monday, 22 cans on Tuesday, and 15 cans on Wednesday. How many cans did they collect?

Equation: _____ Answer: _____ cans

3. Four friends have 12, 13, 27, and 28 stickers. How many stickers do they have altogether?

Equation: _____ Answer: _____ stickers

4. Marcus jumped rope 25 times, then 35 times, then 20 times. How many jumps did Marcus make?

Equation: _____ Answer: _____ jumps

5. A garden has 16 tulips, 24 roses, 10 daisies, and 30 sunflowers. How many flowers are in the garden?

Equation: _____ Answer: _____ flowers

Show your thinking: Pick one problem. Show how grouping two numbers that make a ten made it easier.