

Math Intervention



Domain:
**Numbers &
Operations
in Base Ten**
procedural &
Conceptual
Understanding
Assessed

**100 PAGES OF
INTERVENTION
RESOURCES!**

Resource Pack

»» 4th grade ««

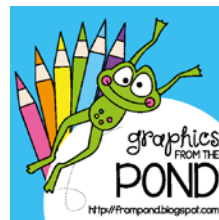
Thank you!

This resource pack is everything you need to assess and provide intervention to struggling students in the domain: Numbers & Operations in Base Ten.

Starting with a pretest and item analysis of each question on the test, you will be able to pin-point exact needs of all students. From there printables and short assessments are provided for each standard that assesses procedural and conceptual understanding.

Take the guess work out of providing intervention and focus on what is really important; helping your students. ☺

CLIPART CREDIT:



EVERYTHING YOU NEED FOR
MATH INTERVENTION!

How to use the materials included

pretest and Item Analysis sheet is designed to pinpoint exactly where your students' needs are.

Item Analysis Data Sheet Per Student
Numbers and Operations in Base Ten Pretest (4.NBT.1 - 4.NBT.3)

Student Name: _____

qs	Standard	Procedural Understanding	Conceptual Understanding	(M) Missed
#1	4.NBT.1		X	
#2	4.NBT.1	X		
#3	4.NBT.2	X		
#4	4.NBT.1		X	
#5	4.NBT.3		X	
#6	4.NBT.2		X	
#7	4.NBT.3	X		
#8	4.NBT.2	X		
#9	4.NBT.2	X		
#10	4.NBT.2			

Printables are included for reviewing procedural and conceptual understanding of standards.

Name: _____

Date: _____

4.NBT.1 Practice Page for Procedural Understanding

Complete each statement below.

890 = _____ tens

1,400 = _____ hundreds

1 ten 7 ones = _____ ones

247,000 = _____ thousands

2 hundreds 3 tens 8 ones = _____ tens

965,00 = 65 _____

1,100 = 11 _____

2,400 = _____ tens

43 tens can be written as _____

86 hundreds can be written as _____

160 ones can be written as _____

500 tens can be written as _____

Name: _____

Date: _____

4.NBT.1 Practice Page for Conceptual Understanding

1) Mr. Healy wrote the number 2654 on the whiteboard. Create a number that has the digit 6 in the place value that is 10 times the value of the 6 in Mr. Healy's number. Fill the rest of the place values with digits of your choice.

2) Thomas rode a bus numbered 387. Create a number that has the digit 8 in the place value 1/10 the value of the 8 in the bus number. Put a 2 in the thousands place. Fill the rest of the place values with digits of your choice.

3) Kelly scored 4,506 points on one level in Pac Man. Create a number that has the digit 5 in the place value 100 times greater than the digit 5 in Kelly's point total. Fill the rest of the place values with digits of your choice.

4) Create a number that has the digit 4 in the place value that is 10 times greater than the 4 in the following number: 243,996. Next, put a 2 in the tens place. Fill the rest of the place values with digits of your choice.

Procedural & Conceptual Understanding

Table of Contents

Table of Contents

Resources	Pages
Pretest for Standards: 4.NBT.1, 4.NBT.2, 4.NBT.3	10
Item Analysis Recording Sheet for Student & Class Data sheet from pretest	12
Quick Check Assessment Graph Sheet for Student	14
Practice Pages for 4.NBT.1 (Procedural understanding)	15
Practice Pages for 4.NBT.1 (Conceptual understanding)	20
Quick Check Assessment for	21

Resources	Pages
Practice Pages for 4.NBT.3 (Conceptual understanding)	36-37
Quick Check Assessment for 4.NBT.3	38
Post-test for Standards: 4.NBT.1, 4.NBT.2, 4.NBT.3	39-40
Pretest for Standards: 4.NBT.4, 4.NBT.5, 4.NBT.6	41-42
Item Analysis Recording Sheets for Student & Class Data from pretest	43-44
Practice Pages for 4.NBT.4	45-47

Procedural Understanding	Conceptual Understanding
<input type="checkbox"/> Houses procedural steps <input type="checkbox"/> Using facts, drills, algorithms	<input type="checkbox"/> Understand key concepts and apply knowledge to new concepts

Name: _____ Date: _____
Numbers and Operations in Base Ten Pretest (4.NBT.1 - 4.NBT.3)

1) Josie says that the 8 in 185 is 10 times greater than the 8 in 3,876. Is Josie correct? Explain.

2) What is the value of the digit 3 in 24,350?

3) Select the number that is 2,096.

- a) twenty eight thousand nine hundred
- b) $200,000 + 8,000 + 90 + 6$
- c) 2 thousands + 8 thousands + 9 tens + 6
- d) $20,000 + 8,000 + 90 + 6$
- e) two hundred eighty thousand nine hundred

4) Create a number that has the digit 4 in the place value that is 10 times the value of the 4 in 185.

5) When rounded to the nearest tens, I become 300. What number could I be?

Item Analysis Data Sheet Per Student
Numbers and Operations in Base Ten Pretest (4.NBT.1 - 4.NBT.3)

Student Name: _____

Item #	Standard	Procedural Understanding	Conceptual Understanding	Missed
1	4.NBT.1		X	
2	4.NBT.1	X		
3	4.NBT.2	X		
4	4.NBT.2		X	
5	4.NBT.3		X	
6	4.NBT.3	X		
7	4.NBT.3	X		
8	4.NBT.2	X		
9	4.NBT.2	X		
10	4.NBT.2		X	

Student initials go in top row. X means the student missed the question.

Resources for every step of the intervention process!

Name: _____ Date: _____
4.NBT.1 Practice Page For Procedural Understanding

Complete each statement below.

890 = _____ tens

1,400 = _____ hundreds

1 ten 7 ones = _____ ones

247,000 = _____ thousands

2 hundreds 3 tens 8 ones = _____ tens

965,00 = 65 _____

1,100 = 11 _____

2,400 = _____ tens

43 tens can be written as _____

86 hundreds can be written as _____

160 ones can be written as _____

500 tens can be written as _____

Name: _____ Date: _____
4.NBT.1 Practice Page For Conceptual Understanding

1) Mr. Healy wrote the number 2,654 on the whiteboard. Create a number that has the digit 6 in the place value that is 10 times the value of the 6 in Mr. Healy's number. Fill in the place values with digits of your choice.

2) Thomas rode a bus numbered 387. Create a number that has the digit 8 in the place value 1/10 the value of the bus number. Put a 2 in the thousands place. Fill in the place values with digits of your choice.

3) Kelly scored 4,506 points on one level in Pac Man. Create a number that has the digit 5 in the place value 100 times greater than the digit 5 in Kelly's point total. Fill in the place values with digits of your choice.

4) Create a number that has the digit 4 in the place value that is 10 times greater than the 4 in the following number: 243,996. Next, put a 2 in the tens place. Fill in the rest of the place values with digits of your choice.

Name: _____ Date: _____
4.NBT.1 Quick Check Assessment

1) Compare 2,000 and 200. The value of 2 in _____ is _____ times the value of the 2 in _____.

2) The value of the 5 in 154,9003 is 50,000.
 True False

3) The 4 in 9,412 is 10 times greater than the 4 in 547.
 True False

4) 21 hundreds can be written as _____

5) Leslie says that the six in 76,989 is 10 times greater than the six in 65,400. Do you agree or disagree? Explain.

Table of Contents

Resources	Pages
Pretest for Standards: 4.NBT.1, 4.NBT.2, 4.NBT.3	10-11
Item Analysis Recording Sheet for Student & Class Data sheet from pretest	12-13
Quick Check Assessment Graph Sheet for Student	14
Practice Pages for 4.NBT.1 (Procedural understanding)	15-19
Practice Pages for 4.NBT.1 (Conceptual understanding)	20-21
Quick Check Assessment for 4.NBT.1	22
Practice Pages for 4.NBT.2 (Procedural understanding)	23-27
Practice Pages for 4.NBT.2 (Conceptual understanding)	28-29
Quick Check Assessment for 4.NBT.2	30
Practice Pages for 4.NBT.3 (Procedural understanding)	31-25

THANK YOU

for downloading this product!

FOLLOW ME

on TpT for notifications on my latest products and freebies!

The screenshot shows the TpT profile for Tanya Villacis, a teacher from Punta Gorda, Florida. Her profile includes a 4.0 star rating from 638 votes and a banner for 'Performance Tasks'. Below the banner, there are navigation tabs for 'My Products (157)', 'Ratings & Comments', 'Ask a Question', and 'My Profile'. A 'FREE DOWNLOAD' section offers a 'PRINT AND GO Interactive Science...' product. The 'CUSTOM CATEGORIES' section lists various product types like Bundles, Color by Numbers, and Performance Tasks. The 'GRADES' section shows products for PREK - K, 1 - 2, and 3 - 5. The 'MY FEATURED ITEMS' section displays several product cards, including 'Math & Science RESOURCES READY TO GO GRADES 4-5', 'INTERPRETING REMAINDERS BUNDLE', 'Heat, Transfer (Conduction, Convection, and Radiation)', and 'PRINT AND GO Interactive Science Printables... BUNDLE'.

Copyright © Tanya Villacis. All rights reserved by creator. This product is to be used by the original downloader only. Copying for more than one teacher, classroom, team, grade level, department, school, or school system is prohibited. This product may not be distributed or displayed digitally for public view. Failure to comply is a copyright infringement and a violation of the Digital Millennium Copyright Act (DMCA). Clipart and elements found in this PDF are copyrighted and cannot be extracted and used outside of this file without permission or license. Please contact me if you wish to be granted special authorizations.

GET YOUR FIX ON ALL THINGS 4TH GRADE!



SOCIAL MEDIA: THE 4TH GRADE FIX

