



**THIRD SPACE
LEARNING**

Exit Tickets

Domain: Number and
Operations in Base Ten

5th grade

Exit Tickets

Name:

Directions: Answer each question in the space provided.

- a. In the number shown, one digit is underlined and one digit is circled.

7 2 8 . 0 2

The circled digit is _____ times greater/less than the underlined digit.
(circle one)

- b. Write a number that contains a digit 5 that is $\frac{1}{10}$ the size of the digit 5 in the number 235.64.



THIRD SPACE LEARNING

Standard

5.NBT.1

Focus: Recognize that in a multi-digit number, a digit in one place is 10 times as much as the place to its right and $\frac{1}{10}$ of the place to its left.

Name:

Directions: Solve each equation, then answer the question at the bottom.

a. $52 \times 10 = \underline{\hspace{2cm}}$

c. $864 \times 10^2 = \underline{\hspace{2cm}}$

b. $8 \times 10^3 = \underline{\hspace{2cm}}$

d. $15 \times 10^4 = \underline{\hspace{2cm}}$

What pattern occurs in the number of zeros in the products when multiplying by powers of 10?



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Standard

5.NBT.2

Focus: Explain the patterns in the number of zeros of the product when multiplying by powers of 10

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Name:

Directions: Solve each equation, then answer the question at the bottom.

Standard

5.NBT.2

Focus: Explain the patterns in the placement of the decimal point when multiplying or dividing decimals by powers of 10

a. $350.4 \div 10 =$ _____

c. $125 \div 10^2 =$ _____

b. $0.87 \times 10^3 =$ _____

d. $1.964 \times 10^4 =$ _____

What pattern occurs in the placement of the decimal point when multiplying by powers of 10? Dividing?



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Name:

Directions: Complete the table.

Standard

5.NBT.3.a

Focus: Read and write decimals to thousandths using base-ten numerals, number names, and expanded form

Standard Form (Base-ten Numerals)	Word Form	Expanded Form
25.08		
	One hundred thirty-seven and four tenths	
		$(8 \times 1) + (6 \times 0.1) + (9 \times 0.001)$



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Name:

Directions: Compare the decimals by writing $<$, $>$, or $=$ in each circle.

Standard

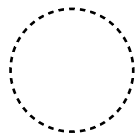
5.NBT.3.b

Focus: Compare two decimals to thousandths

a. 7.586  7.53

c. 9.05  9.5

b. 86.7  8.67

d. 163.87  163.235



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Name:

1. Round to the nearest whole number

a. 372.09 _____

b. 9.71 _____

c. 50.938 _____

2. Round to the nearest tenth

a. 12.378 _____

b. 0.942 _____

c. 758.99 _____

Standard

5.NBT.4

Focus: Use place value understanding to round decimals to any place

3. Round to the nearest hundredth

a. 1.257 _____

b. 301.542 _____

c. 89.039 _____



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Name:

Directions: Multiply using the standard algorithm

$$\begin{array}{r} 816 \\ \times 25 \\ \hline \end{array}$$

Standard**5.NBT.5**

Focus: Fluently multiply multi-digit whole numbers using the standard algorithm



Name:

Directions: Use any strategy to find the quotient.

$$5,372 \div 34$$

Standard**5.NBT.6**

Focus: Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors



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Name:

Directions: Solve each equation

Standard

5.NBT.7

Focus: Add decimals to hundredths

a. $98.53 + 7.8$

b. $8.9 + 13.56$



THIRD SPACE LEARNING

Name:

Directions: Solve each equation

Standard

5.NBT.7

Focus: Subtract decimals to hundredths

a. $53.08 - 12.9$

b. $109.6 - 71.04$



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Exit Tickets

Name:

Directions: Solve each equation

Standard

5.NBT.7

Focus: Multiply decimals to hundredths

a. 2.5×0.94

b. 6×5.8



Name:

Directions: Solve each equation

Standard

5.NBT.7

Focus: Divide decimals to hundredths

a. $29.7 \div 9$

b. $8.16 \div 1.2$






Standard	Answer(s)												
5.NBT.1	<p>a. The circle digit is <u>1,000</u> times <u>greater</u> than the underlined digit.</p> <p>b. Answer can be any number with a 5 in the tenths place. Example: 1.58</p>												
5.NBT.2 (whole numbers)	<p>a. 520 b. 8,000 c. 86,400 d. 150,000</p> <p>The number of zeros in the product is the same as the number of zeros in the exponent in the equation.</p>												
5.NBT.2 (decimals)	<p>a. 35.04 b. 870 c. 1.25 d. 19,640</p> <p>When multiplying, the decimal point appears to shift to the right the same number of times it is multiplied by 10. When dividing, the decimal appears to shift to the left the same number of times it is divided by 10.</p> <p>**Note: It is important for students to understand that the decimal point itself does not actually move. The digits actually shift around the decimal point; the digits shift left on a place value chart when being multiplied by a power of 10 and shift right when they are being divided by a power of 10.</p>												
5.NBT.3.a	<table><tr><th>Standard Form (Base-ten Numerals)</th><th>Word Form</th><th>Expanded Form</th></tr><tr><td>25.08</td><td>Twenty-five and eight hundredths</td><td>$(2 \times 10) + (5 \times 1) + (8 \times 0.01)$</td></tr><tr><td>137.4</td><td>One hundred thirty-seven and four tenths</td><td>$(1 \times 100) + (3 \times 10) + (7 \times 1) + (4 \times 0.1)$</td></tr><tr><td>8.609</td><td>Eight and six hundred and nine thousandths</td><td>$(8 \times 1) + (6 \times 0.1) + (9 \times 0.001)$</td></tr></table>	Standard Form (Base-ten Numerals)	Word Form	Expanded Form	25.08	Twenty-five and eight hundredths	$(2 \times 10) + (5 \times 1) + (8 \times 0.01)$	137.4	One hundred thirty-seven and four tenths	$(1 \times 100) + (3 \times 10) + (7 \times 1) + (4 \times 0.1)$	8.609	Eight and six hundred and nine thousandths	$(8 \times 1) + (6 \times 0.1) + (9 \times 0.001)$
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Standard	Answer(s)
5.NBT.3.b	a. > b. > c. < d. >
5.NBT.4	1. Round to the nearest whole number a. 372 b. 10 c. 51 2. Round to the nearest tenth a. 12.4 b. 0.9 c. 759 3. Round to the nearest hundredth a. 1.26 b. 301.54 c. 89.04
5.NBT.5	20,400
5.NBT.6	158
5.NBT.7 (Add decimals)	a. 106.33 b. 22.46
5.NBT.7 (Subtract decimals)	a. 40.18 b. 38.56
5.NBT.7 (Multiply decimals)	a. 2.35 b. 34.8
5.NBT.7 (Divide decimals)	a. 3.3 b. 6.8

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Michelle Craig, Instructional Coach,
Sherwood Forest Elementary, Washington

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