Number & Operations in Base Ten Test

5.NBT.1

Which number has a 5 with a value 10 times greater than the 5 in 345.29?

a) 4,645.71

b) 851.36

5.NBT.1

Which number has a 8 with a value 1/10 of the 8 in 157.82?

a) 741.98

b) 2,658.13

5.NBT.2

Solve each problem and explain the pattern.

$5.82 \times 10^1 = $ _____

$5.82 \times 10^2 = $ _____

$5.82 \times 10^3 = $ _____

5.NBT.2

Solve each problem and explain the pattern.

$149.3 \div 10^1 = $ _____

$149.3 \div 10^2 = $ _____

$149.3 \div 10^3 = $ _____

5.NBT.3

Write the number in expanded form and word form.

7.462

Expanded:

Word:

5.NBT.3

Write >, <, or = to compare the numbers.

461.8 ◯ 416.9

135.40 ◯ 135.4

289.68 ◯ 289.7

Number & Operations in Base Ten Test

5.NBT.4

Round the number to each place.

3,086.157

Whole number: _____

Tenths: _____

Hundredths: _____

5.NBT.5

$$
\begin{array}{r}
356 \\
\times \quad 47 \\
\hline
\end{array}
$$

5.NBT.5

$$
\begin{array}{r}
4,958 \\
\times \quad 26 \\
\hline
\end{array}
$$

5.NBT.6

$$34\overline{)578}$$

5.NBT.6

$$68\overline{)2,924}$$

5.NBT.7

$37.65 + 49.72 =$ _____

$203.49 - 78.56 =$ _____

$85.3 \times 24.6 =$ _____

$462.96 \div 7.2 =$ _____

Operations & Algebraic Thinking Test

5.OA.1

$$45 \div (17 - 8) =$$

5.OA.1

$$[51 - (18 + 14)] \times 3 =$$

5.OA.1

$$\{6 + [(23 - 9) \div 7]\} \times 11 =$$

5.OA.1

Insert parentheses to make the statement equal 4.

$$35 - 27 \div 2 =$$

5.OA.2

Write as a numerical expression.

7 times the sum of 4 and 6

5.OA.2

Write as a numerical expression.

the product of the quantities 7 minus 1 and 3 plus 8

Operations & Algebraic Thinking Test

5.OA.2

Write the numerical expression in words.

36 ÷ (22 - 16)

5.OA.2

Write the numerical expression in words.

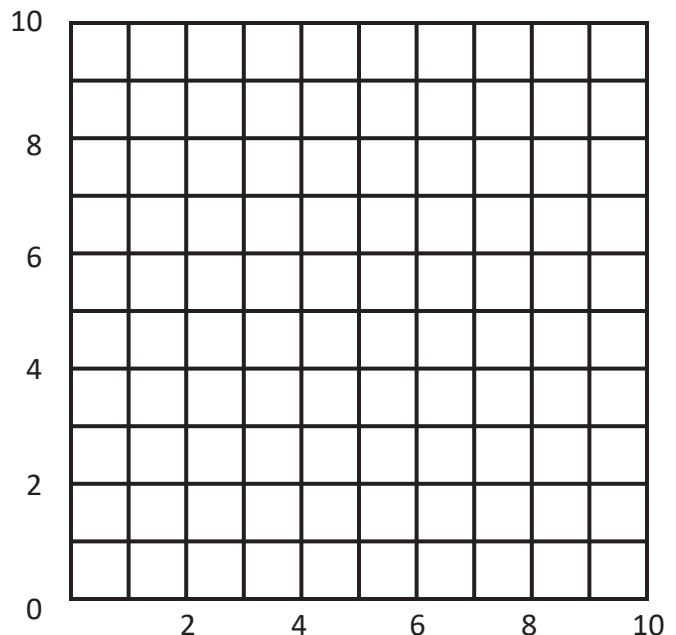**[5 x (7 + 4)] - 19**

5.OA.3 Fill in the table according to the following rules.

X: Add 3 to get the next term
Y: Add 2 to get the next term

Generate ordered pairs in the form (x,y) and plot them on graph paper.

X	Y
0	0

(__,__) (__,__) (__,__) (__,__)

Number & Operations - Fractions Test

⟩ **5.NF.1** ⟨

$$\frac{1}{4} + \frac{5}{6} =$$

⟩ **5.NF.1** ⟨

$$4\frac{1}{3} - 1\frac{5}{9} =$$

⟩ **5.NF.2** ⟨

Shannon drank 1/5 cup of milk and 3/4 cup of water. How much did she drink altogether?

_____

⟩ **5.NF.2** ⟨

Brad's potato plant was 4 1/8 inches tall, and his bean plant was 2 1/2 inches tall. How much taller was the potato plant than the bean plant?

_____

⟩ **5.NF.3** ⟨ $$\frac{29}{6} =$$

⟩ **5.NF.3** ⟨

If 4 people want to share 22 cookies equally, how many should each person get?

_____

Between what two whole numbers does your answer lie?

_____

⟩ **5.NF.4** ⟨

$$\frac{2}{3} \times \frac{4}{5} =$$

$$\frac{2}{5} \times 6 =$$

Name:

> **NF Test** <

Number & Operations - Fractions Test

> **5.NF.4** < **Find the area of the rectangle.**

$\dfrac{7}{10}$ ft

$\dfrac{2}{5}$ ft

_____

> **5.NF.5** <

Without multiplying, choose which problem will have the greater product and explain.

A) $\dfrac{3}{8} \times \dfrac{1}{2} =$ **B)** $\dfrac{3}{8} \times \dfrac{1}{3} =$

_____

_____

_____

> **5.NF.5** <

Will the product be more or less than $2\dfrac{1}{3}$ **?**

$$2\dfrac{1}{3} \times 1\dfrac{1}{2} =$$

_____

> **5.NF.6** <

Jill's pizza dough recipe calls for 2 1/4 cups of flour. Jill wants to make 1/2 a batch of pizza dough. How much flour will Jill need to make pizza dough?

_____

Matt's class spent 5/6 of an hour in science class. They dissected frogs for 3/4 of the time. What fraction of an hour did Matt's class dissect frogs?

_____

> **5.NF.7** < $8 \div \dfrac{1}{5} =$

$\dfrac{1}{9} \div 3 =$

Tom had 5/9 of a pizza. He split the pizza into 3 equal pieces. What fraction of a pizza was each piece?

_____