5th
Grade

New Horizons School
....
Math Quarter Exam

Name _____
Date _____

Understand Place Value. Write the value of the underlined digit.

1. 3,645

2. 34

3. 798,000

_____   _____   _____

4. 64,530

5. 892

6. 602,456

_____   _____   _____

3. 189,612,357

4. 521,874,394

5. 3,794,216,055

_____   _____   _____

Write each number in standard form.

10. $40,000 + 2,000 + 600 + 80 + 2$

11. thirty-five thousand, forty-two

_____   _____

Compare. Write $<$, $>$, or $=$ in each $\bigcirc$.

4. 345,922 $\bigcirc$ 34,592

5. 275,669,128 $\bigcirc$ 275,669,129

6. 44,576,493 $\bigcirc$ 44,577,497

7. 67,387 $\bigcirc$ 67,256

8. 55,377,294 $\bigcirc$ 55,377,294

9. 935,771,220 $\bigcirc$ 935,771,212

Decimal Place Value. Write as a decimal and a fraction

4. $5 + 0.4$

5. $0.8 + 0.01$

6. $7 + 0.9 + 0.03$

_____   _____   _____

7. sixty-five hundredths

8. four and three tenths

9. seven and twenty-two hundredths

_____   _____   _____

Equivalent Decimals

Write *equivalent* or *not equivalent* to describe each pair of decimals.

1. 6.4 and 6.40

2. 2.08 and 2.008

3. 5.090 and 5.09

_____   _____   _____

4. 1.0050 and 1.005

5. 3.006 and 3.060

6. 0.07 and 0.70

_____   _____   _____

Compare and Order Decimals.

Write <, >, or = for each ◯. Use the number line.

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   3.00   3.10   3.20   3.30   3.40   3.50   3.60   3.70   3.80   3.90   4.00
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1. 3.622 ◯ 3.262   2. 3.201 ◯ 3.021   3. 3.597 ◯ 3.63

4. 3.309 ◯ 3.42   5. 3.545 ◯ 3.455   6. 3.152 ◯ 3.251

Round Whole Numbers Round to the underlined number or boldfaced number

6. 72,832   7. 9,355,722   8. 563,044   9. 428,995   10. 27,549,105

_____   _____   _____   _____   _____

Round Decimals Round to the place of the underlined number or

Round each number to the place of the **bold-faced** digit.

1. 3.276   2. 12.63   3. 0.4870   4. 15.3847   5. 8.69

_____   _____   _____   _____   _____

Add and Subtract Whole Numbers

Find the sum or difference. Estimate to check.

1.	3,964 + 2,489	2.	12,033 − 7,566	3.	9,209 − 7,644	4.	5,439 + 4,053

_____   _____   _____   _____

5.	17,848 + 24,189	6.	45,178 + 18,433	7.	7,428 − 4,119	8.	39,702 + 3,589

_____   _____   _____   _____

Add and Subtract Decimals

Find the sum or difference. Estimate to check.

1.	2.7 + 1.1	2.	7.568 + 3.405	3.	42.35 6.81 + 9.47	4.	11.79 + 15.02	5.	13.75 4.31 + 2.10

6.
$$\begin{array}{r} 7.5 \\ +\ 2.3 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 6.38 \\ 8.12 \\ +\ 13.52 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 4.054 \\ +\ 7.285 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 22.35 \\ +\ 11.86 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 3.817 \\ 6.194 \\ +\ 5.417 \\ \hline \end{array}$$

Choose a Method. Find the sum or difference

5.
$$\begin{array}{r} 5,677,398 \\ +\ 2,211,545 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 9,045,063 \\ -\ 904,506 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 4.74 \\ +\ 18.875 \\ \hline \end{array}$$

8.
$$\begin{array}{r} \$25.00 \\ -\ 12.50 \\ \hline \end{array}$$

_____ _____ _____ _____

9.
$$\begin{array}{r} 5.003 \\ -\ 1.926 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 800.7 \\ +\ 62.2 \\ \hline \end{array}$$

11.
$$\begin{array}{r} \$75.30 \\ +\ 10.20 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 120.408 \\ -\ 83.659 \\ \hline \end{array}$$

_____ _____ _____ _____

Write an expression using "n" as the variable.

1. The temperature dropped 7 degrees and then went up 4 degrees.
Clue Words: _____

_____

_____

2. When the train stopped, 5 people boarded and 2 got off.
Clue Words: _____

_____

_____

3. Steven wrote 8 pages for homework. The dog ate some of them.
Clue Words: _____

_____

4. Gabriel collected 7 stones. John gave some more stones.
Clue Words: _____

_____

Wrie and equation with a variable for each. Use "n" as the varaible for each exercise

1. Joseph had 7 paper cups. There were 22 students in the class. How many more cups did he need to serve punch to all his classmates?

2. Mary Beth loves chocolate chip cookies. Her mother took a sheet of 12 out of the oven. Mary Beth ate some. Now there are 8 left. How many did she eat?

3. Jennifer had spent $32 for a new jacket. She had $12 left. How much did she have originally?

   original amount − amount

4. Monica had a collection of stickers. She bought 7 and had a total of 21. How many did she originally have?

Use mental math to solve. Check your solution.

1. $n + 5 = 15$

2. $n - 6 = 6$

3. $n - 10 = 20$

_____ _____ _____

Solve the equation. Check your solution.

4. $15 + n = 22$

5. $n - 8 = 12$

6. $25 - n = 22$

_____ _____ _____

7. $n + 10 - 6 = 7$

8. $22 - n + 7 = 18$

9. $14 - 8 + n = 13$

_____ _____ _____

Which of the numbers 4, 5, 6, and 7 are solutions of each inequality?

1. $x - 3 \geq 4$

2. $x + 1 < 7$

3. $x - 4 \leq 4$

_____ _____ _____

Find the value of n. Identify the property used.

1. $200 + n = 100 + 200$

2. $78 + (5 + n) = (78 + 5) + 7$

_____ _____

3. $4 + n = 7 + 4$

4. $0 + 88 = n$

_____ _____