

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

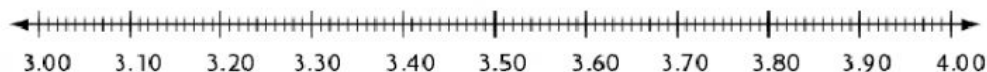
4. 1.0050 and 1.005

5. 3.006 and 3.060

6. 0.07 and 0.70

Compare and Order Decimals.

Write $<$, $>$, or $=$ for each $\bigcirc$. Use the number line.



1. 3.622 $\bigcirc$ 3.262 2. 3.201 $\bigcirc$ 3.021 3. 3.597 $\bigcirc$ 3.63
4. 3.309 $\bigcirc$ 3.42 5. 3.545 $\bigcirc$ 3.455 6. 3.152 $\bigcirc$ 3.251

Round Whole Numbers Round to the underlined number or boldfaced number

6. 72,832 7. 9,355,722 8. 563,044 9. **4**28,995 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.**6**9

Add and Subtract Whole Numbers

Find the sum or difference. Estimate to check.

1. $\begin{array}{r} 3,964 \\ + 2,489 \\ \hline \end{array}$ 2. $\begin{array}{r} 12,033 \\ - 7,566 \\ \hline \end{array}$ 3. $\begin{array}{r} 9,209 \\ - 7,644 \\ \hline \end{array}$ 4. $\begin{array}{r} 5,439 \\ + 4,053 \\ \hline \end{array}$

5. $\begin{array}{r} 17,848 \\ + 24,189 \\ \hline \end{array}$ 6. $\begin{array}{r} 45,178 \\ + 18,433 \\ \hline \end{array}$ 7. $\begin{array}{r} 7,428 \\ - 4,119 \\ \hline \end{array}$ 8. $\begin{array}{r} 39,702 \\ + 3,589 \\ \hline \end{array}$

Add and Subtract Decimals

Find the sum or difference. Estimate to check.

1. $\begin{array}{r} 2.7 \\ + 1.1 \\ \hline \end{array}$ 2. $\begin{array}{r} 7.568 \\ + 3.405 \\ \hline \end{array}$ 3. $\begin{array}{r} 42.35 \\ 6.81 \\ + 9.47 \\ \hline \end{array}$ 4. $\begin{array}{r} 11.79 \\ + 15.02 \\ \hline \end{array}$ 5. $\begin{array}{r} 13.75 \\ 4.31 \\ + 2.10 \\ \hline \end{array}$

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.	$\begin{array}{r} 3.817 \\ 6.194 \\ + 5.417 \\ \hline \end{array}$
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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.	$\begin{array}{r} \$25.00 \\ - 12.50 \\ \hline \end{array}$
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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.	$\begin{array}{r} 120.408 \\ - 83.659 \\ \hline \end{array}$
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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: _____

Write an equation with a variable for each. Use "n" as the variable 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. $0 + 88 = n$