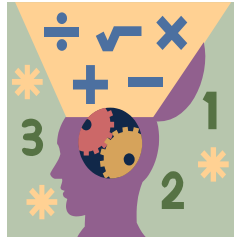Name:_____ Section: 4A, 4B, 4C, 4D, 4E

## Homework

Hello Scholars. We will continue to work on Chapter 9 relating fractions, decimals and money. Scholars will also learn how to add fractional parts of 10 and 100 and compare decimals. The **Chapter 9 quiz is scheduled for Wednesday December 12, 2018**.

Students have access to **Think Central** assignments which review Chapter 9. The animated models will help your child understand foundational concepts required for Chapter 9. Scholars also have access to the interactive Student Edition Go Math Book which contains videos and practice questions reviewing the daily lesson. The Interactive Student Edition can be found in *My Library*.

**i-Ready** - Each scholar **must complete their assigned i-Ready Math** lessons by Sunday. If you have any questions or concerns, please feel free to contact me at morales.zervos@archimedean.org.

## Notes

Students **MUST** underline key words in the word problem and **MUST** prove and show all their work. *Failure to prove or show your work will result in a lower grade.

Monday            December 10th      – Field Trip – Actor's Playhouse

Tuesday           December 11th      – 9.4 (1 page)

Wednesday         December 12th      – 9.5 (1 page)

Thursday          December 13th      – 9.6 (1 page)

Friday            December 14th      – 9.7 (1 page)

Parents please initial below each day acknowledging your child has completed the assigned homework. **Completed homework packets will be checked daily and collected on Monday December 17th for a letter grade.**

| Monday 10th December | Tuesday 11th December | Wednesday 12th December | Thursday 13th December | Friday 14th December |
|---|---|---|---|---|
|  |  |  |  |  |

# Problem Solving – Relate Fractions, Decimals and Money

| | |
|---|---|
| 1. Write the total money amount. Then write as a fraction or mixed number and decimal in terms of dollars. | 2. Write the total money amount. Then write as a fraction or mixed number and decimal in terms of dollars. |
| 3. Write as a money amount and as a decimal in terms of dollars.<br><br>$\frac{81}{100} =$ | 4. Write as a money amount and as a decimal in terms of dollars.<br><br>$5\frac{17}{100} =$ |
| 5. Write the money amount as a fraction in terms of dollars.<br><br>$0.09= | 6. Write the money amount as a fraction in terms of dollars.<br><br>$7.03= |
| 7. Charel has 1 quarter, 1 dime, 3 nickels and 8 pennies. Write Charel's total amount as a fraction in terms of dollars. | 8. Monica has $\frac{67}{100}$ of a dollar in her pocket. What could be the coins Monica has? |
| 9. Riya bought earrings for four dollars and 7 cents. Write the amount of the earrings in terms of dollars. | 10. Rachelle has $3.45 to spend at the holiday shop. Write Rachelle's total amount as a fraction in terms of dollars. |
| 11. Niko has 5 quarters, 4 dimes, 3 nickels and 4 pennies. How much money does he have in total? | 12. Zoe earned $5.20 for walking a dog. How can you write her money earned as a fraction in terms of dollars? |
| 13. Ty and Eleni share $0.90. If they each get the same amount, how much money does Ty and Eleni get? | 14. Sam has six dollars and twelve cents. What is the decimal for the money amount in terms of dollars? |

Name_____ Date _____

# Problem Solving – Money Word Problems

Read and <u>solve</u>.

1. Mia, Amy and Elyssa each earned $2.75 for raking leaves. How much money do they have in total?

2. Lucy wants to buy a purse that costs $9.65. She has saved $4.81. How much more money does she need to buy the purse?

3. Anaya earns $3.55 a week for taking out the recycables. How much money does Anaya earn in 4 weeks?

4. Dr. Martinez spends $8 a day for lunch. In how many days will Dr. Martinez spend at least $50?

5. Daniela, Alessa and Sophie found $0.84. They want to share the money equally. How much money will they each get?

6. Sarah bought a pencil for $0.75, an eraser for $0.49 and a pen for $1.12. How much money did she spend in all?

7. Emma has $3.57. She bought a book for $1.98. How much does she have left?

Name_____     Date _____

# Problem Solving – Add Fractional Parts of 10 and 100

Read and solve.

| | |
|---|---|
| 1. Find the sum.  $\dfrac{8}{10} + \dfrac{17}{100} =$ | 2. Find the sum.  $\dfrac{29}{100} + \dfrac{6}{10} =$ |
| 3. Find the sum.  $\dfrac{2}{100} + \dfrac{5}{10} =$ | 4. Find the sum.  $\dfrac{3}{10} + \dfrac{43}{100} =$ |
| 5. Find the sum.  $\$0.39 + \$0.28=$ | 6. Find the sum.  $\$0.76 + \$0.38=$ |
| 7. Find the sum.  $\dfrac{3}{10} + \dfrac{?}{100} = \dfrac{48}{100}$ | 8. Find the sum.  $\dfrac{10}{100} + \dfrac{?}{10} = \dfrac{80}{100}$ |
| 9. Find the sum.  $\$0.74 + \$0.08=$ | 10. Find the sum.  $\$0.55 + \$0.26=$ |
| 11. Isabella rode her bike $\dfrac{3}{10}$ mile to the park on Friday and $\dfrac{36}{100}$ mile on Saturday. How much did Isabella ride in total? | 12. Emily walked three tenths of a mile to Archimedean and then another thirty-two hundredths of a mile to her home. How much did Emily walk in total? |
| 13. In a bowl, $\dfrac{4}{100}$ of the cookies were chocolate and $\dfrac{4}{10}$ were vanilla. What fraction of the cookies were either chocolate or vanilla? | 14. Elise spent $\$0.19$ on an eraser and $\$0.27$ on a pencil. How much did Elise spend in all? |

Name_____ Date _____

# Problem Solving – Compare Decimals

Read and solve.

| | |
|---|---|
| 1. Compare. Wrte <, >, or =.<br><br>0.74 ◯ 0.47 | 2. Compare. Wrte <, >, or =.<br><br>0.3 ◯ 0.30 |
| 3. Compare. Wrte <, >, or =.<br><br>0.6 ◯ 0.65 | 4. Compare. Wrte <, >, or =.<br><br>0.25 ◯ 0.51 |
| 5. Compare. Wrte <, >, or =.<br><br>0.6 ◯ $\frac{60}{100}$ | 6. Compare. Wrte <, >, or =.<br><br>$\frac{1}{10}$ ◯ 0.15 |
| 7. Compare. Write True or False.<br><br>0.5 < 0.50<br><br>_____ | 8. Compare. Write True or False.<br><br>0.09 > 0.1<br><br>_____ |
| 9. Compare. Write True or False.<br><br>0.17 < 0.63<br><br>_____ | 10. Compare. Write True or False.<br><br>0.48 > 0.6<br><br>_____ |
| 11. Monica jogs 0.56 mile on Friday and 0.9 mile on Saturday. Write an inequality comparing the distance Monica jogged on Friday and Saturday. | 12. Sarah lives 0.37 mile from Archimedean. Gaby lives 0.14 mile from Archimedean. Who lives closer to Archimedean? |
| 13. Isaac has $0.87 for the bake sale. Joshua has $0.91 for the bake sale and Sebastian has $0.78 for the bake sale. Who has the most money to spend at the sale? Who has the least money to spend at the sale? | 14. Daniella, Alyssa and Eleni rode their bikes over the weekend. Daniella rode 0.4 mile. Alyssa rode 0.08 mile and Eleni rode 0.34 mile. Write a number sentence comparing Daniella and Alyssa. |