Homework

We will begin Chapter 4 this week, *Addition and Subtraction within 10,000.* Scholars will understand how to add and subtract within 10,000. Please complete homework daily based on the schedule provided below. **Please do not work ahead on homework assignments.** Scholars will do the Chapter 4 Quiz on Tuesday October 18th reviewing lessons 4.1-4.5. You can also access the textbook here https://www.hmhco.com/ui/login/?state=https%3A%2F%2Fwww.hmhco.com%2Fui%2F%23%2Fevaluator for additional examples or to view the lesson. Their username is their Archie username and their password is Archie199@

Reminders

Please have your child use Waggle to master and reinforce their fact fluency. The 3rd Grade curriculum depends on a strong foundation in addition and subtraction

Extra Practice

Additional practice for the daily lesson is available on Archie. To access the worksheets, please have your child login into Archie. Click on Resources, select courses, then My Courses. From there, you will see a drop down menu of each class. Go to American Math and click on Resources. There you will see worksheets for each section in the chapter.

Notes

Completed homework pages should be uploaded on Archie on October 17th. Failure to show work or pages submitted after the due date will result in a lower grade. If a scholar struggles with a lesson, they can review the daily lesson on Archimedean Cinemath. Please feel free to contact me with any questions or concerns at. nichlet.sebastian@archimedean.org

Monday   October 10th   – Lesson 4.1 Page 125

Tuesday   October 11th   – Lesson 4.2 Page 131

Wednesday   October 12th   – Lesson 4.3 Page 137

Thursday   October 13th   – Lesson 4.4 Page 143

Friday   October 14th   – Lesson 4.5 Page 149

Monday **October 10th**	**Tuesday** **October 11th**	**Wednesday** **October 12th**	**Thursday** **October 13th**	**Friday** **October 14th**

Use Expanded Form to Add

Estimate. Then use expanded form to find the sum.

1. Estimate: ___800___

$$\begin{array}{rcl}
325 & = & 800 + 20 + 5 \\
+\ 494 & = & 400 + 90 + 4 \\
\hline
& & 700 + 110 + 9
\end{array}$$

2. Estimate: _____

$$\begin{array}{rcl}
518 & = & \\
+\ 372 & = & \\
\end{array}$$

3. Estimate: _____

$$\begin{array}{rcl}
731 & = & \\
+\ 207 & = & \\
\end{array}$$

4. Estimate: _____

$$\begin{array}{rcl}
495 & = & \\
+\ 254 & = & \\
\end{array}$$

Problem Solving Real World

Use the table for 5–6.

5. Laura is making a building using Set A and Set C. How many blocks can she use in her building?

_____

6. Omagi is making a building using Set B and Set C. How many blocks can he use in his building?

_____

Build-It Blocks	
Set	**Number of Blocks**
A	165
B	188
C	245

7. **WRITE** ▸*Math* Explain how to use the break apart strategy to find $247 + 358$.

_____

_____

Use Place Value to Add

Estimate. Then find the sum.

1. Estimate: _____

$$\begin{array}{r} \overset{1}{3}24 \\ + 285 \\ \hline 609 \end{array}$$

2. Estimate: _____

$$\begin{array}{r} 519 \\ + 347 \\ \hline \end{array}$$

3. Estimate: _____

$$\begin{array}{r} 323 \\ + 151 \\ \hline \end{array}$$

4. Estimate: _____

$$\begin{array}{r} 169 \\ + 354 \\ \hline \end{array}$$

5. Estimate: _____

$$\begin{array}{r} 127 \\ + 290 \\ \hline \end{array}$$

6. Estimate: _____

$$\begin{array}{r} 258 \\ + 565 \\ \hline \end{array}$$

7. Estimate: _____

$$\begin{array}{r} 311 \\ + 298 \\ \hline \end{array}$$

8. Estimate: _____

$$\begin{array}{r} 534 \\ + 256 \\ \hline \end{array}$$

Problem Solving Real World

9. Mark has 215 baseball cards. Emilio has 454 baseball cards. How many baseball cards do Mark and Emilio have altogether?

_____

10. Antonio has 330 pennies. Niev has 268 pennies. Rachel has 381 pennies. Which two students have more than 700 pennies combined?

_____

11. **WRITE** *Math* Explain one way to add 3-digit numbers.

_____

_____

Use Place Value to Subtract

Estimate. Then find the difference.

1. Estimate: __500__

$$\begin{array}{r} \overset{7\ \ 15}{5\cancel{8}5} \\ -\ 119 \\ \hline \end{array}$$

2. Estimate: _____

$$\begin{array}{r} 738 \\ -\ 227 \\ \hline \end{array}$$

3. Estimate: _____

$$\begin{array}{r} 651 \\ -\ 376 \\ \hline \end{array}$$

4. Estimate: _____

$$\begin{array}{r} 815 \\ -\ 281 \\ \hline \end{array}$$

5. Estimate: _____

$$\begin{array}{r} 627 \\ -\ 253 \\ \hline \end{array}$$

6. Estimate: _____

$$\begin{array}{r} 862 \\ -\ 419 \\ \hline \end{array}$$

7. Estimate: _____

$$\begin{array}{r} 726 \\ -\ 148 \\ \hline \end{array}$$

8. Estimate: _____

$$\begin{array}{r} 543 \\ -\ 358 \\ \hline \end{array}$$

Problem Solving Real World

9. Mrs. Cohen has 427 buttons. She uses 195 buttons to make puppets. How many buttons does Mrs. Cohen have left?

_____

10. There were 625 ears of corn and 247 tomatoes sold at a farm stand. How many more ears of corn were sold than tomatoes?

_____

11. **WRITE** ▸*Math* Explain how to subtract 247 from 538.

_____

_____

_____

Combine Place Values to Subtract

Estimate. Then find the difference.

1. Estimate: __200__

$$
\begin{array}{r}
476 \\
-\ 269 \\
\hline
\end{array}
$$

2. Estimate: _____

$$
\begin{array}{r}
615 \\
-\ 342 \\
\hline
\end{array}
$$

3. Estimate: _____

$$
\begin{array}{r}
508 \\
-\ 113 \\
\hline
\end{array}
$$

4. Estimate: _____

$$
\begin{array}{r}
716 \\
-\ 229 \\
\hline
\end{array}
$$

5. Estimate: _____

$$
\begin{array}{r}
826 \\
-\ 617 \\
\hline
\end{array}
$$

6. Estimate: _____

$$
\begin{array}{r}
900 \\
-\ 158 \\
\hline
\end{array}
$$

7. Estimate: _____

$$
\begin{array}{r}
607 \\
-\ 568 \\
\hline
\end{array}
$$

8. Estimate: _____

$$
\begin{array}{r}
973 \\
-\ 869 \\
\hline
\end{array}
$$

Problem Solving • Real World

9. Bev scored 540 points. This was 138 points more than Isaiah scored. How many points did Isaiah score?

_____

10. A youth group earned $285 washing cars. The group's expenses were $79. How much profit did the group make washing cars?

_____

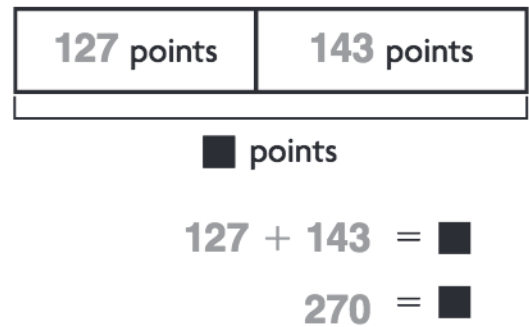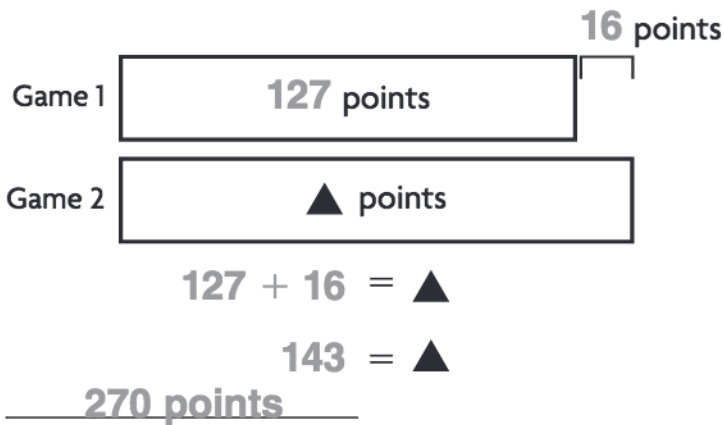11. **WRITE** *Math* Explain how to combine place values to find $223 - 119$.

_____
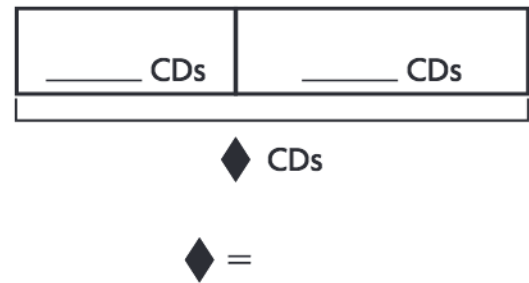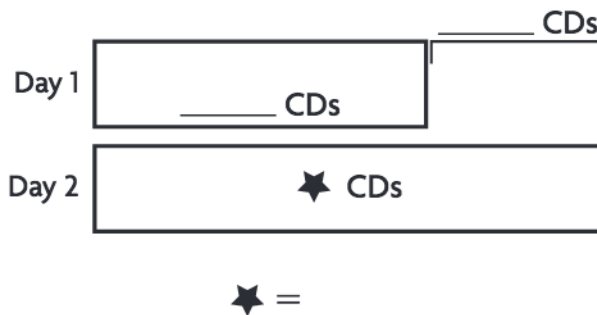
_____

Model and Solve Two-Step Addition and Subtraction Problems

Use the bar model to solve the problem.

1. Elena went bowling. Elena's score in the first game was 127. She scored 16 more points in the second game than in the first game. What was her total score?

16 points

Game 1 | 127 points

127 points | 143 points

Game 2 | ▲ points

■ points

$$127 + 16 = \blacktriangle$$

$$143 = \blacktriangle$$

$$127 + 143 = \blacksquare$$

$$270 = \blacksquare$$

___270 points___

2. Mike's Music sold 287 CDs on the first day of a 2-day sale. The store sold 96 more CDs on the second day than on the first day. How many CDs in all were sold during the 2-day sale?

_____ CDs

Day 1 | _____ CDs

_____ CDs | _____ CDs

Day 2 | ✦ CDs

◆ CDs

✦ =

◆ =

_____

3. **WRITE** ▸ *Math* Write an addition or subtraction problem and draw a diagram to solve it.

_____