4TH GRADE NEWSLETTER

SEPTEMBER

What are we learning?

MATH

We begin the year with addition and subtraction of multi-digit whole numbers and practicing place value. Students will develop and practice efficient addition and subtraction of multi-digit whole numbers by using the standard algorithm. Students will extend their understanding of place value concepts in multi-digit numbers. They will apply their understanding of place value and number sense to reason and explain rounded answers.

SCIENCE

Our year begins with the study of interdependent relationships within ecosystems. We will learn what makes a "healthy" ecosystem. Visiting our outdoor classrooms to collect data and make observations makes for a great authentic experience. Our outdoor classrooms include the monarch butterfly garden, rain garden, vegetable garden, meadow, retention pond, and creek.

ELA

For the first three weeks of school we will be launching our new curriculum, Benchmark Advance. This is when students will learn the routines and procedures of our curriculum. We will be making connections with texts, writing about these connections with texts, and working on word study and grammar.

SOCIAL STUDIES

We will start Social Studies later. Updates to come.



Upcoming Events

Monday, September 7th- No School

Friday, September 11th- Instrumental Demo for Students during the school day! (Parents are not invited to this)

Friday, September 11th- Ice Cream Social at 6:00 pm (Rain Date is on September 25th)

Friday, September 18th- Two hour 45 minute early dismissal

Friday, October 2nd- Fall Picture Day

Reminders

- In 4th grade, we are not doing data binders. Graded work will come home in students' take-home folders. Check Home Access Center for your child's grades.
- If your child signs up for band, orchestra, or chorus, your child is expected to make up the work missed in class.
- Send any absences, early dismissal, or late arrival notes to LSEattendance@carrollk12.org as well as your child's teacher.

4th Grade Schedule

8:05-8:35 Homeroom

8:35-10:35 MOD 1

10:35 - 11:35 Specials

11:35 – 12:35 MOD 2

12:35 - 1:05 Lunch

1:05 - 1:35 Recess

1:35 - 2:35 MOD 2

2:35-3:05 ELA Intervention

3:05 - 3:20 Dismissal



Family Math Resource

Place Value

4th Grade

Unit 1

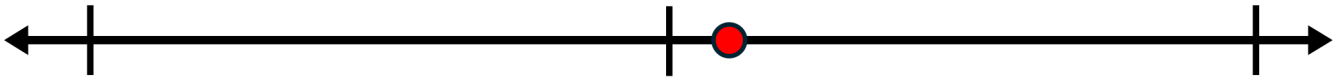
In 4th grade, students build upon prior learning to understand numbers to 1,000,000 using different place value forms. Below are ways that students represent larger numbers such as 35,627.

Place Value Chart

(one) millions	hundred thousands	ten thousands	(one) thousands	hundreds	tens	ones
		3	5,	6	2	7

Standard Form	Word Form	Expanded Form
35,627	thirty-five thousand, six hundred twenty-seven	30,000 + 5,000 + 600 + 20 + 7

Number Line (estimate)

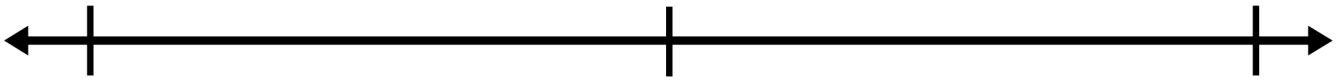


30,000 35,000 40,000

Try the following with your child. Keep practicing!

Standard Form	Word Form	Expanded Form
83,492		

Number Line (estimate)





Family Math Resource

4th Grade

Unit 1

Addition and Subtraction

In 4th grade, students will become proficient at using the standard algorithm for addition and subtraction. Students may continue to use previously learned place value methods to add and subtract as they build standard algorithm mastery.

Expanded Form

5,127 + 3,248

	5,000	100	20	7
+	3,000	200	40	8

8,000 + 300 + 60 +15

8,375

PartialSums

5,127
+ 3,248
15
60
300
+ 8,000
8,375

StandardAlgorithm

Addition

1 1 1
3,428
+1,876
5,304

Subtraction

6 14 12
8,~~7~~~~5~~~~2~~
- 6,493
2,259

Try these problems with your child. Keep practicing!

564 +127	5,826 +3,084	961 - 43 5	6,74 - 01,32 8



Family Math Resource

4th Grade

Unit 1

Compare and Order Numbers

Using a Place Value Chart

Example: 267,180 ◯ 267,523

(one) millions	hundred thousands	ten thousands	(one) thousands	hundreds	tens	ones
	2	6	7,	1	2	3
	2	6	7,	5		
		Same value	Same value			

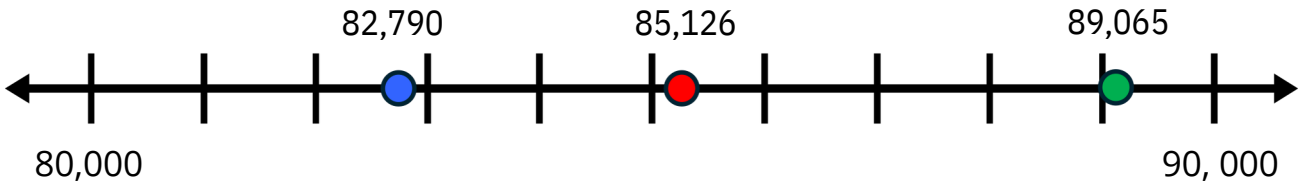
Begin comparing with the greatest place.

Same value

500 > 100, so 267,523 > 267,180

Using a Number Line

Example: Order from least to greatest: 85,126 82,790 89,065



Try the following problems with your child. Keep practicing!

153,268 ◯ 152,970

94,325 ◯ 107,119

Order from greatest to least: 14,750 32,761 32,488



Family Math Resource

4th Grade

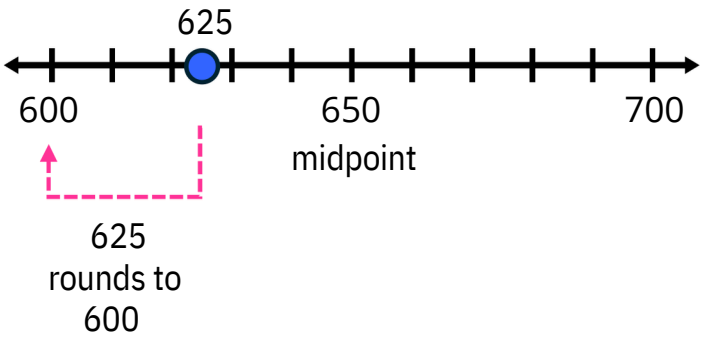
Unit 1

Rounding Numbers

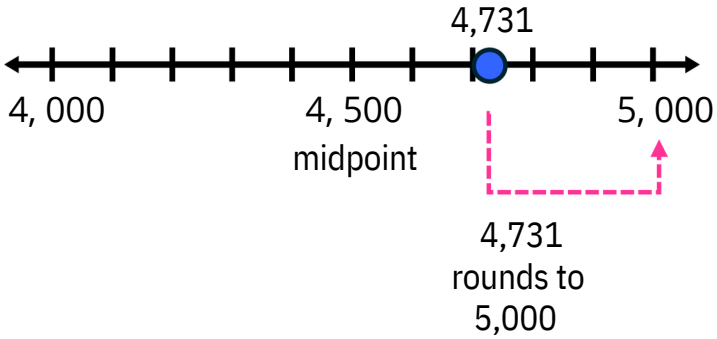
To round a number, students think about multiples of 10, 100, 1,000, 10,000, and 100,000 that are closest to the number. Number lines help students determine the closest multiple.

Rounding to the Greatest Place

Round 625 to the nearest <u>hundred.</u>

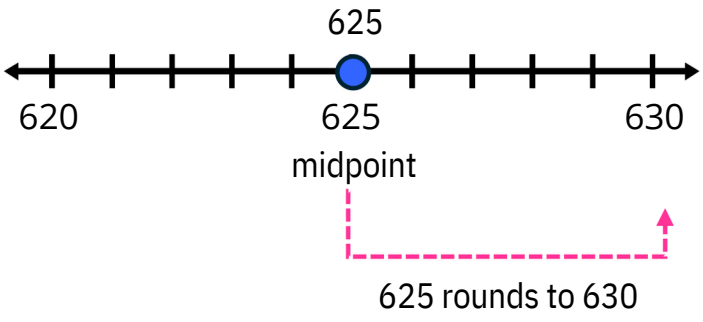


Round 4,731 to the nearest <u>thousand</u>.

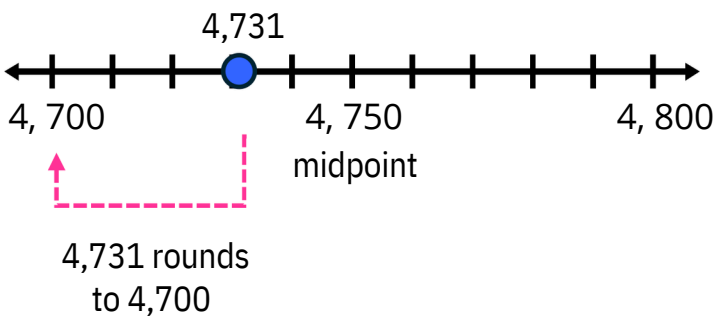


Rounding to an Identified Place

Round 625 to the nearest <u>ten</u>.



Round 4,731 to the nearest <u>hundred.</u>



Try the following problems with your child. Keep practicing!

Round 5,281 to the nearest <u>thousand</u>. _____

Round 5,281 to the nearest <u>hundred.</u> __

Round 5,281 to the nearest <u>ten</u>. _____