

School-Home Letter

Dear Family,

My class started Chapter 6 this week. In this chapter, I will learn how to add and subtract 3-digit numbers, including regrouping ones, tens, and hundreds.

Love, _____

Vocabulary

addends Numbers added together in addition problems

$$\begin{array}{c} 7 + 2 = 9 \\ \uparrow \quad \uparrow \\ \text{addends} \end{array}$$

sum Answer to an addition problem

$$\begin{array}{c} 7 + 2 = 9 \\ \quad \quad \uparrow \\ \quad \quad \text{sum} \end{array}$$

difference Answer to a subtraction problem

Home Activity

Write addition and subtraction problems with two 3-digit numbers for your child. Write some problems where regrouping is needed and other problems where regrouping is not needed.

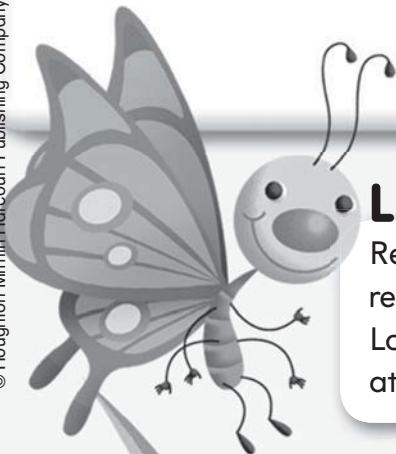
$$\begin{array}{r} 462 \\ + 341 \\ \hline \end{array} \qquad \begin{array}{r} 796 \\ - 578 \\ \hline \end{array}$$

Literature

Reading math stories reinforces learning. Look for these books at the library.

A Collection for Kate
by Barbara deRubertis.
Kane Press, 1999.

The Action of Subtraction
by Brian P. Cleary.
Millbrook Press, 2006.



Carta para la casa

Querida familia:

Mi clase comenzó el Capítulo 6 esta semana. En este capítulo, aprenderé a sumar y restar números de 3 dígitos, incluyendo la reagrupación de unidades, decenas y centenas.

Con cariño, _____

Vocabulario

sumandos números que se suman unos a otros en problemas de suma

$$\begin{array}{c} 7 + 2 = 9 \\ \uparrow \quad \uparrow \\ \text{sumandos} \end{array}$$

suma resultado de un problema de suma

$$\begin{array}{c} 7 + 2 = 9 \\ \quad \quad \uparrow \\ \quad \quad \text{suma} \end{array}$$

diferencia resultado de un problema de resta

Actividad para la casa

Escríbale a su hijo problemas de suma y resta con dos números de 3 dígitos. Escriba algunos problemas que necesiten reagrupación y otros que no la necesiten.

$$\begin{array}{r} 462 \\ + 341 \\ \hline \end{array} \qquad \begin{array}{r} 796 \\ - 578 \\ \hline \end{array}$$

Literatura

Leer cuentos de matemáticas refuerza el aprendizaje. Busque estos libros en la biblioteca.

A Collection for Kate

por Barbara Derubertis.
Kane Press, 1999.

The Action of Subtraction

por Brian P. Cleary.
Millbrook Press, 2006.

Name _____

Draw to Represent 3-Digit Addition



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Draw quick pictures. Write how many hundreds, tens, and ones in all. Write the number.

1. Add 142 and 215.

Hundreds	Tens	Ones

_____ hundreds _____ tens _____ ones

2. Add 263 and 206.

Hundreds	Tens	Ones

_____ hundreds _____ tens _____ ones

Problem Solving

Solve. Write or draw to explain.

3. A farmer sold 324 lemons and 255 limes. How many pieces of fruit did the farmer sell altogether?

_____ pieces of fruit

Lesson Check (2.NBT.7)

1. Ms. Carol sold 346 child tickets and 253 adult tickets. How many tickets did Ms. Carol sell?

_____ tickets

2. Mr. Harris counted 227 gray pebbles and 341 white pebbles. How many pebbles did Mr. Harris count?

_____ pebbles

Spiral Review (2.OA.4, 2.NBT.5, 2.NBT.6)

3. Pat has 3 rows of shells. There are 4 shells in each row. How many shells does Pat have?

_____ shells

4. Kara counted 32 red pens, 25 blue pens, 7 black pens, and 24 green pens. How many pens did Kara count?

_____ pens

5. Kai had 46 blocks. He gave 39 blocks to his sister. How many blocks does Kai have left?

$$46 - 39 = \text{_____ blocks}$$

6. A shop has 55 posters for sale. 34 posters show sports. The rest of the posters show animals. How many posters show animals?

_____ posters

Break Apart 3-Digit Addends



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Break apart the addends to find the sum.

$$\begin{array}{r}
 1. \quad 518 \longrightarrow \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 + \quad 221 \longrightarrow \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 \hline
 \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}
 \end{array}$$

$$\begin{array}{r}
 2. \quad 438 \longrightarrow \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 + \quad 142 \longrightarrow \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 \hline
 \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}
 \end{array}$$

$$\begin{array}{r}
 3. \quad 324 \longrightarrow \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 + \quad 239 \longrightarrow \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \\
 \hline
 \underline{\quad\quad\quad} + \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}
 \end{array}$$

Problem Solving

Solve. Write or draw to explain.

4. There are 126 crayons in a bucket. A teacher puts 144 more crayons in the bucket. How many crayons are in the bucket now?

_____ crayons

Lesson Check (2.NBT.7)

1. What is the sum?

$$\begin{array}{r} 218 \\ + 145 \\ \hline \end{array}$$

2. What is the sum?

$$\begin{array}{r} 664 \\ + 223 \\ \hline \end{array}$$

Spiral Review (2.OA.2, 2.NBT.5, 2.NBT.6, 2.NBT.9)

3. Ang found 19 berries and Barry found 21 berries. How many berries did they find altogether?

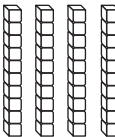

$$19 + 21 = \underline{\quad} \text{ berries}$$

4. Write a subtraction fact related to $9 + 6 =$

5. There are 25 goldfish and 33 betta fish. How many fish are there?

$$25 + 33 = \underline{\quad} \text{ fish}$$

6. Subtract 16 from 41.
What is the difference?

Tens	Ones
	

3-Digit Addition: Regroup Ones



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Write the sum.

1.

	Hundreds	Tens	Ones
		<input style="width: 20px; height: 20px;" type="text"/>	
	1	4	8
+	2	3	4

2.

	Hundreds	Tens	Ones
		<input style="width: 20px; height: 20px;" type="text"/>	
	3	2	1
+	3	1	8

3.

	Hundreds	Tens	Ones
		<input style="width: 20px; height: 20px;" type="text"/>	
	4	1	4
+	1	7	9

4.

	Hundreds	Tens	Ones
		<input style="width: 20px; height: 20px;" type="text"/>	
	6	0	2
+	2	5	8

Problem Solving

Solve. Write or draw to explain.

5. In the garden, there are 258 yellow daisies and 135 white daisies. How many daisies are in the garden altogether?



_____ daisies

Lesson Check (2.NBT.7)

1. What is the sum?

	Hundreds	Tens	Ones
		<input type="text"/>	
	4	3	5
+	1	4	6
<hr/>			

2. What is the sum?

	Hundreds	Tens	Ones
		<input type="text"/>	
	4	3	6
+	3	0	6
<hr/>			

Spiral Review (2.OA.2, 2.NBT.5, 2.NBT.6, 2.NBT.7)

3. What is the difference?

$$9 - 4 = \underline{\quad}$$

4. What is the sum?

$$\begin{array}{r} 82 \\ + 59 \\ \hline \end{array}$$

5. What is the sum?

$$26 + 7 = \underline{\quad}$$

6. Add 243 and 132. How many hundreds, tens, and ones are there in all?

_____ hundreds _____ tens

_____ ones

3-Digit Addition: Regroup Tens



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Write the sum.

	Hundreds	Tens	Ones
	<input type="text"/>	<input type="text"/>	
	1	8	7
+	2	3	2
<hr/>			

	Hundreds	Tens	Ones
	<input type="text"/>	<input type="text"/>	
	3	2	2
+	3	5	6
<hr/>			

	Hundreds	Tens	Ones
	<input type="text"/>	<input type="text"/>	
	2	8	5
+	5	3	1
<hr/>			

	4	4	5
+		3	4
<hr/>			

	6	2	0
+	2	8	8
<hr/>			

	5	5	7
+	1	8	0
<hr/>			

	6	7	1
+	1	5	4
<hr/>			

	4	6	3
+	4	8	1
<hr/>			

	7	4	6
+	1	3	3
<hr/>			

Problem Solving



Solve. Write or draw to explain.

10. There are 142 blue toy cars and 293 red toy cars at the toy store. How many toy cars are there?

_____ toy cars

Lesson Check (2.NBT.7)

1. What is the sum?

$$\begin{array}{r} 472 \\ + 255 \\ \hline \end{array}$$

2. Annika has 144 pennies and Yahola has 284 pennies. How many do they have altogether?

$$\begin{array}{r} 144 \\ + 284 \\ \hline \end{array}$$

Spiral Review (2.OA.2, 2.NBT.5, 2.NBT.7)

3. What is the sum?

$$\begin{array}{r} 56 \\ + 38 \\ \hline \end{array}$$

4. What is the sum?

$$\begin{array}{r} 326 \\ + 139 \\ \hline \end{array}$$

5. Francis had 8 toy cars, then his brother gave him 9 more. How many toy cars does Francis have now?

$$8 + 9 = \underline{\quad} \text{ cars}$$

6. What is the difference?

$$\begin{array}{r} 82 \\ - 34 \\ \hline \end{array}$$

Addition: Regroup Ones and Tens**COMMON CORE STANDARD—2.NBT.7**
Use place value understanding and properties of operations to add and subtract.

Write the sum.

1.

$$\begin{array}{r} 547 \\ + 435 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 367 \\ + 284 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 485 \\ + 456 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 187 \\ + 306 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 647 \\ + 128 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 523 \\ + 174 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 255 \\ + 231 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 294 \\ + 176 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 375 \\ + 364 \\ \hline \end{array}$$

Problem Solving

Solve. Write or draw to explain.

10. Saul and Luisa each scored 167 points on a computer game. How many points did they score together?

_____ points

Lesson Check (2.NBT.7)

1. What is the sum?

$$\begin{array}{r} 348 \\ + 272 \\ \hline \end{array}$$

2. What is the sum?

$$\begin{array}{r} 123 \\ + 217 \\ \hline \end{array}$$

Spiral Review (2.OA.1, 2.OA.2, 2.NBT.6, 2.NBT.9)

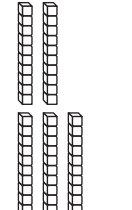
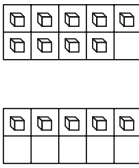
3. Which addition fact has the same sum as $9 + 4$.

$$10 + \underline{\quad}$$

4. What is the sum?

$$\begin{array}{r} 32 \\ 15 \\ + 46 \\ \hline \end{array}$$

5. Add 29 and 35. What is the sum?

Tens	Ones
	

6. Tom had 25 pretzels. He gave away 12 pretzels. How many pretzels does Tom have left?

$$25 - 12 = \underline{\quad} \text{ pretzels}$$

Estimation in 3-Digit Addition



COMMON CORE STANDARD—2.NBT.7.1

Use estimation strategies to make reasonable estimates in problem solving.

Use the values of the hundreds digits to estimate the sum.

1.

$$\begin{array}{r} 224 \\ + 142 \\ \hline \end{array}$$

An estimate for the sum
is _____

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

2.

$$\begin{array}{r} 318 \\ + 321 \\ \hline \end{array}$$

An estimate for the sum
is _____

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

3.

$$\begin{array}{r} 532 \\ + 249 \\ \hline \end{array}$$

An estimate for the sum
is _____

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

Problem Solving

Solve. Write or draw to explain.

4. Janine ordered 245 red roses and 230 white roses for her new flower shop. Estimate the number of roses she ordered for her shop.

about _____ roses

Lesson Check (2.NBT.7.1)

5. Jimmy sold 112 tickets to the Community Picnic. Carol sold 134 tickets. Estimate the number of tickets they sold altogether.

_____ tickets

6. Denise works at a bakery. She baked 206 cookies with sprinkles and 124 whole wheat cookies. Estimate how many cookies she baked.

_____ cookies

Spiral Review (2.NBT.7, 2.NBT.5, 2.OA.1)

7. What is the sum?

$$\begin{array}{r} 214 \\ + 387 \\ \hline \end{array}$$

8. What is the difference?

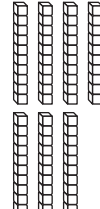
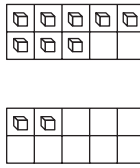
$$\begin{array}{r} 94 \\ - 36 \\ \hline \end{array}$$

9. Add 426 and 342. How many hundreds, tens, and ones are there?

_____ hundreds _____ tens

_____ ones

10. Add 48 and 32. What is the sum?

Tens	Ones
	

Name _____

PROBLEM SOLVING Lesson 6.7

Problem Solving • 3-Digit Subtraction



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Make a model to solve. Then draw a quick picture of your model.

- | | |
|--|-------------------|
| 1. On Saturday, 770 people went to the snack shop. On Sunday, 628 people went. How many more people went to the snack shop on Saturday than on Sunday? | _____ more people |
| 2. There were 395 lemon ice cups at the snack shop. People bought 177 lemon ice cups. How many lemon ice cups are still at the snack shop? | _____ cups |
| 3. There were 576 bottles of water at the snack shop. People bought 469 bottles of water. How many bottles of water are at the snack shop now? | _____ bottles |
| 4. There were 279 bags of apple chips at the snack shop. Then 134 bags of apple chips were bought. How many bags of apple chips are at the snack shop now? | _____ bags |

Lesson Check (2.NBT.7)

1. There are 278 math and science books. 128 of them are math books. How many science books are there?

_____ books

2. A book has 176 pages. Mr. Roberts has read 119 pages. How many pages does he have left to read?

_____ pages

Spiral Review (2.OA.2, 2.NBT.5, 2.NBT.6, 2.NBT.7)

3. What is the sum?

$$1 + 6 + 2 = \underline{\quad}$$

4. What is the difference?

$$54 - 8 = \underline{\quad}$$

5. What is the sum?

$$\begin{array}{r} 356 \\ + 174 \\ \hline \end{array}$$

6. What is the sum?

$$\begin{array}{r} 22 \\ + 16 \\ \hline \end{array}$$

3-Digit Subtraction: Regroup Tens



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Solve. Write the difference.

1.

	Hundreds	Tens	Ones
		<input type="text"/>	<input type="text"/>
	7	7	4
—	2	3	6
<hr/>			

2.

	Hundreds	Tens	Ones
		<input type="text"/>	<input type="text"/>
	5	5	1
—	1	1	3
<hr/>			

3.

	Hundreds	Tens	Ones
		<input type="text"/>	<input type="text"/>
	4	8	9
—	2	7	3
<hr/>			

4.

	Hundreds	Tens	Ones
		<input type="text"/>	<input type="text"/>
	7	7	2
—	2	5	4
<hr/>			

Problem Solving



Solve. Write or draw to explain.

5. There were 985 pencils. Some pencils were sold. Then there were 559 pencils left. How many pencils were sold?

_____ pencils

Lesson Check (2.NBT.7)

1. What is the difference?

$$\begin{array}{r} 346 \\ - 127 \\ \hline \end{array}$$

2. What is the difference?

$$\begin{array}{r} 568 \\ - 226 \\ \hline \end{array}$$

Spiral Review (2.OA.1, 2.OA.4, 2.NBT.5, 2.NBT.7)

3. What is the difference?

$$45 - 7 = \underline{\quad}$$

4. Leroy has 11 cubes. Jane has 15 cubes. How many cubes do they have altogether?

 cubes

5. Mina puts 5 flowers in each vase. How many flowers will she put in 3 vases?

 flowers

6. Mr. Hill had 428 pencils. He gave away 150 pencils. How many pencils did he keep?

 pencils

3-Digit Subtraction: Regroup Hundreds



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Solve. Write the difference.

1.

	Hundreds	Tens	Ones
	□	□	□
	7	2	7
—	2	5	6

2.

	Hundreds	Tens	Ones
	□	□	□
	9	6	7
—	1	5	3

3.

	6	3	9
—	4	7	2

4.

	4	4	8
—	3	6	3

Problem Solving

Solve. Write or draw to explain.

5. There were 537 people in the parade. 254 of these people were playing an instrument. How many people were not playing an instrument?

_____ people

Lesson Check (2.NBT.7)

1. What is the difference?

$$\begin{array}{r} 538 \\ - 135 \\ \hline \end{array}$$

2. What is the difference?

$$\begin{array}{r} 218 \\ - 126 \\ \hline \end{array}$$

Spiral Review (2.OA.2, 2.NBT.5, 2.NBT.6, 2.NBT.7)

3. What is the difference?

$$52 - 15 = \underline{\quad}$$

4. Wallace has 8 crayons and Alma has 7. How many do they have together?

$$8 + 7 = \underline{\quad} \text{ crayons}$$

5. What is the sum?

$$\begin{array}{r} 47 \\ + 26 \\ \hline \end{array}$$

6. Mrs. Lin's class read 392 books in February. Mr. Hook's class read 173 books. How many more books did Mrs. Lin's class read?

$$\begin{array}{r} 392 \\ - 173 \\ \hline \end{array} \text{ books}$$

Name _____

Lesson 6.10

Subtraction: Regroup Hundreds and Tens



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Solve. Write the difference.

1.

$$\begin{array}{r} 8 \quad 1 \quad 6 \\ - 3 \quad 4 \quad 5 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 9 \quad 4 \quad 2 \\ - 1 \quad 6 \quad 3 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 7 \quad 9 \quad 6 \\ - 4 \quad 6 \quad 8 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 7 \quad 2 \quad 3 \\ - 5 \quad 4 \quad 3 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 9 \quad 8 \quad 6 \\ - 7 \quad 1 \quad 2 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 5 \quad 4 \quad 7 \\ - 2 \quad 8 \quad 9 \\ \hline \end{array}$$

Problem Solving

Solve.

7. Mia's coloring book has 432 pages. She has already colored 178 pages. How many pages in the book are left to color?

_____ pages

Lesson Check (2.NBT.7)

1. What is the difference?

$$\begin{array}{r} 349 \\ - 187 \\ \hline \end{array}$$

2. What is the difference?

$$\begin{array}{r} 336 \\ - 178 \\ \hline \end{array}$$

Spiral Review (2.OA.1, 2.OA.2, 2.NBT.5, 2.NBT.7)

3. What is the sum?

$$\begin{array}{r} 246 \\ + 533 \\ \hline \end{array}$$

4. What is the difference?

$$\begin{array}{r} 38 \\ - 14 \\ \hline \end{array}$$

5. What is the difference?

$$17 - 9 = \underline{\quad}$$

6. Lisa had 15 daisies.
She gave away 7 daisies.
Then she found 3 more daisies.
How many daisies does Lisa
have now?

$$15 - 7 + 3 = \underline{\quad}$$

Regrouping with Zeros



COMMON CORE STANDARD—2.NBT.7
Use place value understanding and properties of operations to add and subtract.

Solve. Write the difference.

1.

$$\begin{array}{r} 806 \\ - 345 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 902 \\ - 783 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 794 \\ - 268 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 687 \\ - 144 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 505 \\ - 167 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 307 \\ - 154 \\ \hline \end{array}$$

Problem Solving 

Solve.

7. There are 303 students.
There are 147 girls.
How many boys are there?

_____ boys

Lesson Check (2.NBT.7)

1. What is the difference?

$$\begin{array}{r} 301 \\ - 187 \\ \hline \end{array}$$

2. What is the difference?

$$\begin{array}{r} 406 \\ - 268 \\ \hline \end{array}$$

Spiral Review (2.OA.2, 2.NBT.5, 2.NBT.7, 2.NBT.9)

3. What is the sum?

$$\begin{array}{r} 35 \\ + 79 \\ \hline \end{array}$$

4. There are 555 students at Roosevelt Elementary School and 282 students at Jefferson Elementary. How many students are at the two schools altogether?

$$\begin{array}{r} 555 \\ + 282 \\ \hline \end{array} \text{students}$$

5. What is the difference?

$$10 - 2 = \underline{\quad}$$

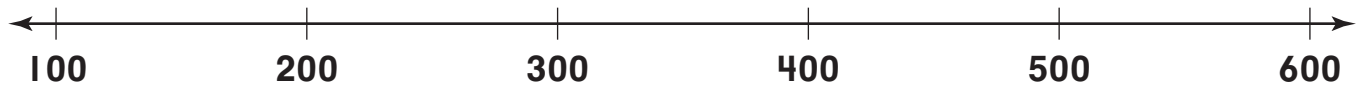
6. Gabriel's goal is to read 43 books this year. So far he has read 11 books. How many books does he have left to meet his goal?

$$\begin{array}{r} 43 \\ - 11 \\ \hline \end{array} \text{books}$$

Name _____

Estimation in 3-Digit Subtraction**COMMON CORE STANDARD—2.NBT.7.1**
Use estimation strategies with numbers up to 1,000.

Use the number lines to find the nearest hundred for each number. Then estimate the difference.



1.

$$\begin{array}{r} 390 \\ - 189 \\ \hline \end{array}$$

An estimate for the difference
is _____

2.

$$\begin{array}{r} 580 \\ - 139 \\ \hline \end{array}$$

An estimate for the difference
is _____

Problem Solving

Solve. Write or draw to explain.

3. Mike works at a paper mill. There are 790 employees at the mill in the daytime. There are 420 employees at the mill in the evening. Estimate how many more employees are at the mill in the daytime.

about _____ more employees

Lesson Check (2.NBT.7.1)

4. There are 490 people cheering for the Red team. There are 280 people cheering for the Blue team. Estimate about how many more people are cheering for the Red team.

about _____ more people

5. Estimate the difference.

$$\begin{array}{r} 740 \\ - 420 \\ \hline \end{array}$$

An estimate for the difference is _____

Spiral Review (2.NBT.7)

6. What is the difference?

$$\begin{array}{r} 605 \\ - 367 \\ \hline \end{array}$$

7. Janie picked 125 apples. Her brother picked 140 apples. How many apples did they pick altogether?

$$\begin{array}{r} 125 \\ + 140 \\ \hline \end{array}$$

8. What is the sum?

$$\begin{array}{r} 282 \\ + 405 \\ \hline \end{array}$$

9. Roger had 345 stickers. He gave his friend 120 stickers. How many stickers did he have left?

_____ stickers