

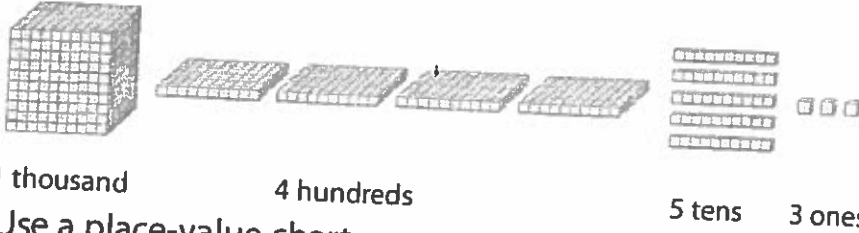
Whole Numbers to 10 000



Quick Review

You can show the number 1453 in different ways:

- Use Base Ten Blocks.



- Use a place-value chart.

Thousands	Hundreds	Tens	Ones
1	4	5	3

- Use **expanded form**. $1453 = 1000 + 400 + 50 + 3$
- Use words. $1453 =$ one thousand four hundred fifty-three

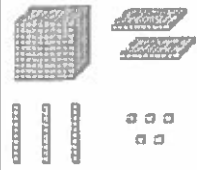
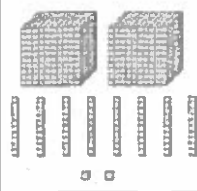

The number 1453 is written in **standard form**.
 Every digit has a place value, depending on its position.

Try These

- Write each number in standard form.
 - two thousand six hundred thirteen _____
 - $8000 + 600 + 40 + 1$ _____
- Write each number in expanded form.
 - 7125 _____
 - 2307 _____
- Write each number in words.
 - 1620 _____
 - 3408 _____

Practice

1. Complete the chart.

	Standard Form	Expanded Form
		
		
		

2. Write each number in words.

a) 3602 _____

b) 5045 _____

3. Use each of these digits once to make each 4-digit number: 4, 2, 7, 5

a) the greatest possible number _____

b) the least possible number _____

c) the greatest number with 5 tens _____

d) the least number with 5 ones _____

Stretch Your Thinking

Use 5, 3, 1, and 7 once in each number you make.
Make as many 4-digit numbers as you can.

Rounding Numbers

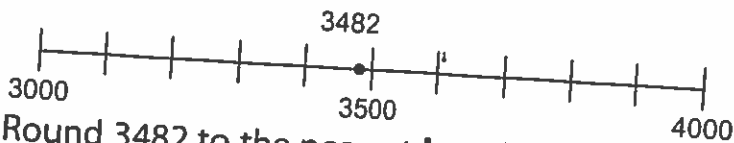


Quick Review

- Round 3482 to the nearest **thousand**.

482 is closer to 0 than to 1000.

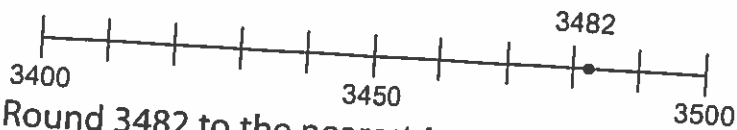
So, 3482 rounds to 3000.



- Round 3482 to the nearest **hundred**.

Since 82 is closer to 100 than to 0, add 1 hundred.

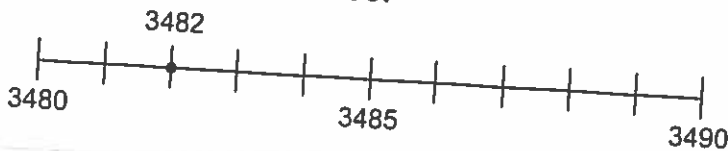
So, 3482 rounds to 3500.



- Round 3482 to the nearest **ten**.

2 is closer to 0 than to 10.

So, 3482 rounds to 3480.



Try These

Use a number line when it helps.

1. Round to the nearest thousand.

a) 1489 _____

b) 6973 _____

c) 4215 _____

2. Round to the nearest hundred.

a) 5867 _____

b) 8214 _____

c) 7098 _____

3. Round to the nearest ten.

a) 6281 _____

b) 5389 _____

c) 2302 _____

Practice

Use this table for questions 1 and 2.

Attendance at a Baseball Game

Day	Number of People
Friday	3741
Saturday	4352
Sunday	4837

1. Round each number to the nearest thousand. _____
On which day did about 5000 people attend the baseball game?

2. Round each number to the nearest hundred. _____
On which day did about 4400 people attend the baseball game?

3. Write three numbers that round to 2540 when rounded to the nearest ten.

4. Write three numbers that round to 3600 when rounded to the nearest hundred. _____
5. Write three numbers that round to 8000 when rounded to the nearest thousand. _____
6. A number is rounded to the nearest ten, nearest hundred, and nearest thousand. All the rounded numbers are 8000. What was the number before it was rounded? _____

Stretch Your Thinking

How many numbers less than 1000 would round to 1000 when rounded to the nearest hundred? Explain.

Comparing and Ordering Numbers



Quick Review

Here are some ways to order the numbers 3261, 3621, and 2163 from least to greatest.

► Use a place-value chart.

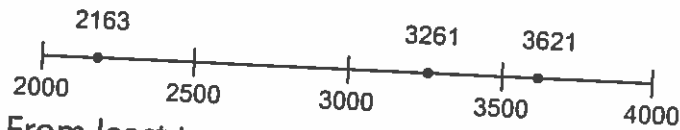
Thousands	Hundreds	Tens	Ones
3	2	6	1
3	6	2	1
2	1	6	3

↓
2163 has the fewest thousands, so it is the least number.

↓
Both 3261 and 3621 have 3 thousands. Compare their hundreds.
 $200 < 600$
So, $3261 < 3621$

$<$ means less than.
 $>$ means greater than.

► Use a number line.



From least to greatest: 2163, 3261, 3621

Try These

- Compare each pair of numbers. Write $>$, $<$, or $=$.
 a) $627 \square 485$ b) $2641 \square 4824$ c) $2683 \square 2683$
- Write the numbers in order from least to greatest.
 758, 709, 741 _____
- Write the numbers in order from greatest to least.
 7148, 6271, 7285 _____

Practice

1. Play this game with a partner.
 The object of the game is to make the greater number.
 You will need a paper bag containing 10 cards with the digits 0 to 9.
 - Draw a card from the bag.
 Record the digit in any space in the first row of your game board.
 Return the card to the bag.
 - Take turns until each player fills all four spaces in a row.
 - Compare your numbers.
 Write $>$ or $<$ in the box between the numbers.
 The player with the greater number wins a point.
 - Play two more rounds.
 The player with the most points at the end of the game wins.

Player 1					Player 2			
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____
_____	_____	_____	_____		_____	_____	_____	_____

2. a) Put your numbers from the game in order from least to greatest.

b) Put your partner's numbers in order from greatest to least.

Stretch Your Thinking

Make up three 4-digit numbers.
 Order the numbers from greatest to least.

Estimating Sums



Quick Review

When a question asks "about how many," you can estimate.

Here are some ways to estimate the sum of $294 + 351$.

► Use **rounding**.

Round each number to the nearest 100 and add.

$$300 + 400 = 700$$

So, $294 + 351$ is about 700.

► Use **clustering**.

Both 294 and 351 are about 300.

$$300 + 300 = 600$$

So, $294 + 351$ is about 600.

► Use **front-end estimation**.

Add the first digits of the numbers.

$$200 + 300 = 500$$

So, $294 + 351$ is about 500.

For a better estimate:

Think about 94 and 51.

This is about $100 + 50 = 150$.

So, $294 + 351$ is about $500 + 150 = 650$.

Try These

1. Estimate each sum.

a) $198 + 389$

Estimate: _____

b) $119 + 408$

Estimate: _____

c) $640 + 192$

Estimate: _____

d) $79 + 272$

Estimate: _____

e) $516 + 482$

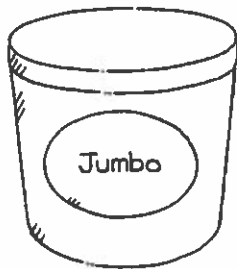
Estimate: _____

f) $291 + 291$

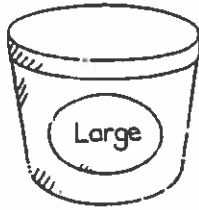
Estimate: _____

2. William estimated $246 + 585$ as 700. Is his estimate high or low? Explain.

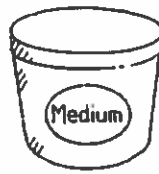
Practice



1149
jumbo beads



285
large beads



399
medium beads



640
small beads

- About how many beads would you have if you bought these sizes:
 - small and large? _____
 - medium and jumbo? _____
 - medium and large? _____
 - jumbo and small? _____
- The toy shop sold 117 wind-up cars and 289 battery-operated cars in one week. About how many cars did it sell? _____
- Yolanda has a desktop publishing business. She wants to print 1000 items today. She actually prints 352 brochures and 581 flyers today.
 - About how many items did she print? _____
 - Did Yolanda make her goal? Explain.

- Last summer, 227 children signed up for T-ball and 139 signed up for baseball. About how many children signed up altogether? _____

Stretch Your Thinking

The estimated sum of two numbers is 1000.
What might the numbers be? Give three different answers.

Using Mental Math to Add



Quick Review

- Use mental math to add: $267 + 197$
Use the strategy of "make a friendly number."

197 is $200 - 3$.

Add 200, then take away 3.

$$267 + 200 = 467$$

$$467 - 3 = 464$$

So, $267 + 197 = 464$

200 is a friendly number because it is easy to add 200.

- Use mental math to add: $271 + 580$
Make a "friendly" number.

$$580 + 20 = 600$$

$$271 - 20 = 251$$

So, $271 + 580 = 600 + 251 = 851$

600 is a friendly number.

- Use mental math to add: $415 + 342$
Use the strategy of "adding on."

Add on hundreds, then tens, and then ones.

Think: $415 + 300 + 40 + 2$

Count on 3 hundreds: 415, 515, 615, 715

Count on 4 tens: 715, 725, 735, 745, 755

Then add 2: $755 + 2 = 757$

So, $415 + 342 = 757$

Try These

1. Use mental math to add.

a) $262 + 345 = \underline{\quad}$ b) $497 + 222 = \underline{\quad}$ c) $370 + 163 = \underline{\quad}$

d) $399 + 544 = \underline{\quad}$ e) $262 + 290 = \underline{\quad}$ f) $196 + 341 = \underline{\quad}$

2. Becky gathered 316 clams and Charlie gathered 286.

How many clams did they gather in all? Use mental math to find out.

Practice

Use mental math.

1. Add.

a) $690 + 284 =$ _____

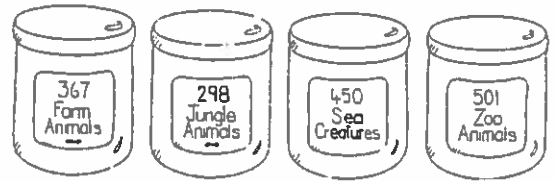
b) $131 + 468 =$ _____

c) $352 + 213 =$ _____

d) $229 + 493 =$ _____

For which problems did you make a "friendly" number? _____

2. Look at these containers.
If you bought the following groups of animals, how many toy animals would you have?



a) farm animals and zoo animals _____

b) sea creatures and jungle animals _____

c) zoo animals and jungle animals _____

3. Ridgetown has a population of 317 people.
Mayberry has a population of 291.

How many people live in the two towns? _____

4. The cafeteria sold 123 cartons of chocolate milk and 204 cartons of white milk. How many cartons of milk were sold? _____

Stretch Your Thinking

Use mental math to add: $453 + 197 + 205 =$ _____

Describe the strategy you used. _____

Adding 3-Digit Numbers



Quick Review

Geraldo has 276 hockey cards and 397 baseball cards.
To find how many cards Geraldo has in all, add: $276 + 397$

Here are some ways to add:

- Use expanded form.

$$\begin{array}{r}
 276 \longrightarrow 200 + 70 + 6 \\
 + 397 \longrightarrow 300 + 90 + 7 \\
 \hline
 500 + 160 + 13 = 660 + 13 = 673
 \end{array}$$

- Use place value.

Add the ones: 13 ones
Regroup 13 ones as
1 ten and 3 ones.

Add the tens: 17 tens
Regroup 17 tens as
1 hundred and 7 tens.

Add the hundreds:
6 hundreds

$$\begin{array}{r}
 ^1 \\
 276 \\
 + 397 \\
 \hline
 673
 \end{array}$$

$$\begin{array}{r}
 ^{11} \\
 276 \\
 + 397 \\
 \hline
 673
 \end{array}$$

$$\begin{array}{r}
 ^{11} \\
 276 \\
 + 397 \\
 \hline
 673
 \end{array}$$

Geraldo has 673 cards in all.

Try These

1. Add.

a) $\begin{array}{r} 295 \\ + 104 \\ \hline \end{array}$

b) $\begin{array}{r} 327 \\ + 415 \\ \hline \end{array}$

c) $\begin{array}{r} 299 \\ + 463 \\ \hline \end{array}$

d) $\begin{array}{r} 508 \\ + 419 \\ \hline \end{array}$

e) $\begin{array}{r} 285 \\ + 79 \\ \hline \end{array}$

2. There were 139 more people at the soccer game on Saturday than on Friday. On Friday there were 472 people at the game.

How many people were at the game on Saturday? _____

Practice

1. Estimate first.

Circle the letters next to the examples for which the sum will be less than 900.

Then, add to find all the sums.

a) $\begin{array}{r} 738 \\ + 191 \\ \hline \end{array}$

b) $\begin{array}{r} 637 \\ + 439 \\ \hline \end{array}$

c) $\begin{array}{r} 109 \\ + 488 \\ \hline \end{array}$

d) $\begin{array}{r} 718 \\ + 237 \\ \hline \end{array}$

e) $\begin{array}{r} 367 \\ + 662 \\ \hline \end{array}$

f) $\begin{array}{r} 482 \\ + 519 \\ \hline \end{array}$

g) $\begin{array}{r} 234 \\ + 410 \\ \hline \end{array}$

h) $\begin{array}{r} 689 \\ + 130 \\ \hline \end{array}$

i) $\begin{array}{r} 651 \\ + 259 \\ \hline \end{array}$

j) $\begin{array}{r} 318 \\ + 491 \\ \hline \end{array}$

2. Estimate first.

Circle the letters next to the examples for which the sum will be greater than 700.

Then, add to find all the sums.

a) $\begin{array}{r} 418 \\ + 231 \\ \hline \end{array}$

b) $\begin{array}{r} 526 \\ + 437 \\ \hline \end{array}$

c) $\begin{array}{r} 381 \\ + 294 \\ \hline \end{array}$

d) $\begin{array}{r} 108 \\ + 592 \\ \hline \end{array}$

e) $\begin{array}{r} 397 \\ + 459 \\ \hline \end{array}$

f) $\begin{array}{r} 362 \\ + 282 \\ \hline \end{array}$

g) $\begin{array}{r} 583 \\ + 199 \\ \hline \end{array}$

h) $\begin{array}{r} 435 \\ + 428 \\ \hline \end{array}$

i) $\begin{array}{r} 339 \\ + 382 \\ \hline \end{array}$

j) $\begin{array}{r} 282 \\ + 531 \\ \hline \end{array}$

3. Use expanded form to add. Show your work.

a) $\begin{array}{r} 352 \\ + 539 \\ \hline \end{array}$

b) $\begin{array}{r} 453 \\ + 372 \\ \hline \end{array}$

4. What is the greatest number you can add to 457 without having to regroup in any place? _____

Stretch Your Thinking

The sum of two numbers is 853. What might the numbers be?

Find two pairs of numbers. _____

Adding 4-Digit Numbers



Quick Review

Add: $1756 + 2469$

► Use expanded form to add.

$$\begin{array}{r}
 1756 \longrightarrow 1000 + 700 + 50 + 6 \\
 + 2469 \longrightarrow 2000 + 400 + 60 + 9 \\
 \hline
 3000 + 1100 + 110 + 15 \\
 \begin{array}{l} \text{---} \\ \downarrow \end{array} \quad \begin{array}{l} \text{---} \\ \downarrow \end{array} \\
 4100 + 125 = 4225
 \end{array}$$

► Use place value to add.

Add the ones. Add the tens. Add the hundreds. Add the thousands.

Regroup.

$$\begin{array}{r}
 1 \\
 1756 \\
 + 2469 \\
 \hline
 5
 \end{array}$$

Regroup.

$$\begin{array}{r}
 11 \\
 1756 \\
 + 2469 \\
 \hline
 25
 \end{array}$$

Regroup.

$$\begin{array}{r}
 111 \\
 1756 \\
 + 2469 \\
 \hline
 225
 \end{array}$$

$$\begin{array}{r}
 111 \\
 1756 \\
 + 2469 \\
 \hline
 4225
 \end{array}$$

Estimate to check that the sum is reasonable.

1756 rounds to 2000.

2469 rounds to 2000.

$$2000 + 2000 = 4000$$

4225 rounds to 4000.

So, the sum is reasonable.

Try These

1. Find each sum. Estimate to check.

a) $\begin{array}{r} 5558 \\ + 1343 \\ \hline \end{array}$

b) $\begin{array}{r} 3047 \\ + 2828 \\ \hline \end{array}$

c) $\begin{array}{r} 4189 \\ + 3673 \\ \hline \end{array}$

d) $\begin{array}{r} 1847 \\ + 5684 \\ \hline \end{array}$

2. Estimate each sum.

a) $3276 + 4192$
Estimate: _____

b) $1258 + 3769$
Estimate: _____

c) $2672 + 3409$
Estimate: _____

Practice

1. Play this game with a partner.

You will need:

1 number cube

- Take turns rolling the number cube.
On each roll, both players record the digit rolled in one of the boxes in their first addition grid.
- After 8 rolls, players add.
The player with the greater sum wins.
- Repeat with the other addition grids.

Player A		Player B	
$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$
$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$
$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$	$\begin{array}{cccc} \square & \square & \square & \square \\ + & \square & \square & \square \\ \hline \end{array}$

Stretch Your Thinking

The sum of two 4-digit numbers is 4589.

What might the two numbers be?

Give two different answers.

Estimating Differences

Quick Review



Here are some strategies for estimating differences.

- Estimate: $513 - 289$

Round each number to the nearest 100 and subtract.

$$500 - 300 = 200$$

So, $513 - 289$ is about 200.

To get a better estimate, round only one number.
 $513 - 300 = 213$.
 So, $513 - 289$ is about 213.

- Estimate: $592 - 69$

One number has only 2 digits, so round to the nearest 10 and subtract.

$$590 - 70 = 520$$

So, $592 - 69$ is about 520.

To get a better estimate, round only the number you subtract.
 $592 - 70 = 522$.
 So, $592 - 69$ is about 522.

Try These

1. Use rounding to estimate each difference.

a) $749 - 263$

b) $504 - 327$

c) $988 - 214$

Estimate: _____

Estimate: _____

Estimate: _____

d) $580 - 235$

e) $677 - 48$

f) $896 - 58$

Estimate: _____

Estimate: _____

Estimate: _____

2. Natalie estimated $584 - 126$ as 400. Is her estimate high or low? Explain.

Practice

School Lunches Served

Day	Number Served
Monday	286
Tuesday	327
Wednesday	489
Thursday	417
Friday	648

- Use the data in the chart to estimate each difference.
 - About how many more lunches were served on Friday than on Monday? _____
 - About how many more lunches were served on Thursday than on Tuesday? _____
 - About how many more lunches were served on Wednesday than on Tuesday? _____
- Laleh estimated the difference of 765 and 411 as 400, and Sam estimated the difference as of 365.
 - How might Laleh have estimated?

 - How might Sam have estimated?

 - Whose estimate is better? Explain.

Stretch Your Thinking

Find a pair of 3-digit numbers that have an estimated difference of 520.

Using Mental Math to Subtract



Quick Review

Here are some strategies for using mental math to subtract.

- Use the strategy of "make a friendly number."

Subtract: $719 - 398$

Add 2 to 398 to make 400.

Add 2 to 719 to make 721.

$$721 - 400 = 321$$

So, $719 - 398 = 321$

Subtract: $437 - 103$

Subtract 100 instead of 103.

$$437 - 100 = 337$$

Then subtract 3.

$$337 - 3 = 334$$

So, $437 - 103 = 334$

- Use the strategy of "counting on."

Subtract: $441 - 230$

$$\begin{array}{ccccccc} \text{Count: } & 230 & & 330 & & 430 & & 440 & & 441 \\ & \swarrow & \nearrow & \swarrow & \nearrow & \swarrow & \nearrow & \swarrow & \nearrow & \\ & +100 & & +100 & & +10 & & +1 & & = 211 \end{array}$$

So, $441 - 230 = 211$

Try These

- Use mental math to subtract.

a) $427 - 299 =$ _____ b) $625 - 495 =$ _____ c) $586 - 397 =$ _____

d) $256 - 101 =$ _____ e) $748 - 403 =$ _____ f) $462 - 202 =$ _____

g) $272 - 150 =$ _____ h) $758 - 547 =$ _____ i) $894 - 673 =$ _____

- Laslo travelled 637 km on Saturday and 402 km on Sunday.
How much further did he travel on Saturday than on Sunday?

Use mental math to find out. _____

- The hot dog stand served 250 hot dogs on Friday and 481 on Saturday.
How many more hot dogs were served on Saturday than on Friday?

Use mental math to find out. _____

Practice

1. Use mental math to find each difference.
Then use the letters next to the differences to solve the riddle.

What did King Tut say
when he was scared?

$543 - 260 = \underline{\hspace{2cm}} \text{ (B)}$

$622 - 415 = \underline{\hspace{2cm}} \text{ (E)}$

$894 - 517 = \underline{\hspace{2cm}} \text{ (N)}$

$583 - 298 = \underline{\hspace{2cm}} \text{ (I)}$

$499 - 354 = \underline{\hspace{2cm}} \text{ (M)}$

$314 - 189 = \underline{\hspace{2cm}} \text{ (U)}$

$532 - 220 = \underline{\hspace{2cm}} \text{ (T)}$

$847 - 606 = \underline{\hspace{2cm}} \text{ (Y)}$

$684 - 302 = \underline{\hspace{2cm}} \text{ (W)}$

$717 - 402 = \underline{\hspace{2cm}} \text{ (Z)}$

$536 - 199 = \underline{\hspace{2cm}} \text{ (C)}$

$632 - 421 = \underline{\hspace{2cm}} \text{ (F)}$

$947 - 624 = \underline{\hspace{2cm}} \text{ (L)}$

$231 - 111 = \underline{\hspace{2cm}} \text{ (A)}$

285

382

120

377

312

145

241

145

125

145

145

145

241

Stretch Your Thinking

Describe two ways to find $1000 - 894$.

Practice

1. Subtract. Check your answers.

a)
$$\begin{array}{r} 836 \\ - 451 \\ \hline \end{array}$$

Check:

b)
$$\begin{array}{r} 726 \\ - 538 \\ \hline \end{array}$$

Check:

c)
$$\begin{array}{r} 736 \\ - 528 \\ \hline \end{array}$$

Check:

2. Use mental math to find each difference.

a) $400 - 263 = \underline{\hspace{2cm}}$

b) $501 - 248 = \underline{\hspace{2cm}}$

c) $450 - 231 = \underline{\hspace{2cm}}$

3. Estimate first. Then subtract the numbers for which the difference will be less than 300.

a)
$$\begin{array}{r} 591 \\ - 375 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 436 \\ - 168 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 624 \\ - 235 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 716 \\ - 371 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 327 \\ - 79 \\ \hline \end{array}$$

4. Ms. Green's class collected 600 cans for recycling.
Mr. Hso's class collected 427 cans.

How many more cans did Ms. Green's class collect?

5. Sanil's school had a book sale.
On Monday they sold 697 books.
On Tuesday they sold 842 books.

How many more books did they sell on Tuesday?

Stretch Your Thinking

The difference of two numbers is 329.

What might the numbers be? Find two pairs of numbers.

Subtracting from a 4-Digit Number



Quick Review

Subtract: $2053 - 997$

Use place value.

Regroup 1 ten as 10 ones.

Subtract the ones.

$$\begin{array}{r} 4 \text{ } 13 \\ 2053 \\ - 997 \\ \hline 6 \end{array}$$

Regroup 1 thousand as 10 hundreds.

Regroup 1 hundred as 10 tens.

$$\begin{array}{r} 9 \text{ } 14 \\ 100413 \\ 2053 \\ - 997 \\ \hline 6 \end{array}$$

Subtract the tens.

Subtract the hundreds.

Subtract the thousands.

$$\begin{array}{r} 9 \text{ } 14 \\ 100413 \\ 2053 \\ - 997 \\ \hline 1056 \end{array}$$

Check.

► By adding:

$$\begin{array}{r} 997 \\ + 1056 \\ \hline 2053 \end{array}$$

► By estimating:
 $2000 - 1000 = 1000$
 1000 is close to 1056.
 So, the answer is reasonable.

The sum should be the number you started with.

Try These

1. Subtract.

a) $\begin{array}{r} 4532 \\ - 121 \\ \hline \end{array}$

b) $\begin{array}{r} 5726 \\ - 248 \\ \hline \end{array}$

c) $\begin{array}{r} 7243 \\ - 685 \\ \hline \end{array}$

d) $\begin{array}{r} 4029 \\ - 388 \\ \hline \end{array}$

2. Subtract. Check your answer.

a) $\begin{array}{r} 9354 \\ - 287 \\ \hline \end{array}$

Check:

b) $\begin{array}{r} 7600 \\ - 452 \\ \hline \end{array}$

Check:

Practice

1. Estimate. Then subtract.

a)
$$\begin{array}{r} 3059 \\ - 298 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 5138 \\ - 479 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 8209 \\ - 919 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 5439 \\ - 216 \\ \hline \end{array}$$

Estimate: _____ Estimate: _____ Estimate: _____ Estimate: _____

2. Manjit and Irene like to collect acorns.
Manjit collected 1286 acorns and Irene collected 898.

How many more acorns did Manjit collect than Irene? _____

3. Play this game with a partner.

You will need:

1 number cube

Paper

Pencils

- Each player draws a subtraction grid like this:

—			

- Take turns rolling the number cube.
After each turn, both players record the digit rolled in any box in their grid.
- After 7 rolls, players subtract.
The player with the greater difference wins.
- Play 5 or more games.

Stretch Your Thinking

A 3-digit number is subtracted from a 4-digit number.

The difference is 426. What could the two numbers be? Give two answers.
