MY Homework →

Homework Helper eHelp

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A toy store sold 223 robots last year. This year, they sold 198 robots. How many robots did they sell over the two years?

Find 223 + 198.

Estimate   223 + 198 ──→ 200 + 200 = 400

1 Add the ones.
3 ones + 8 ones = 11 ones
Regroup 11 ones as 1 ten and 1 one.

2 Add the tens and hundreds.
1 ten + 2 tens + 9 tens = 12 tens
Regroup 12 tens as 1 hundred and 2 tens.
1 hundred + 2 hundreds + 1 hundred = 4 hundreds

$$\begin{array}{r} 1\ 1 \\ 223 \\ +\ 198 \\ \hline 421 \end{array}$$

Check for reasonableness

421 is close to the estimate of 400. The answer is reasonable.

So, 223 + 198 = 421.

The store sold 421 toy robots over the two years.

Practice

Add. Check for reasonableness.   Sample estimates: 1–3

1.

	1	**1**	
	1	7	8
+		9	9
2	**7**	**7**	

Estimate:
180 + 100 = 280

2.

	1		
	6	9	5
+ 1	4	1	
8	**3**	**6**	

Estimate:
700 + 100 = 800

3.

			1	
$	3	2	7	
+ $		5	6	
$	**3**	**8**	**3**	

Estimate:
$330 + $60 = $390

Add. Use the Commutative Property to check for accuracy.

4.

	$	3	5	0
+	$	4	6	5
	$	**8**	**1**	**5**

	$	4	6	5
+	$	3	5	0
	$	**8**	**1**	**5**

5.

	1	9	6
+	2	8	6
	4	**8**	**2**

	2	8	6
+	1	9	6
	4	**8**	**2**

Algebra Add to find the unknown.

6. 661 + 99 = ■

1	**1**		
6	**6**	1	
+		**9**	**9**
	7	**6**	**0**

The unknown is ⬚**760**.

7. $258 + $337 = ■

		1		
$	**2**	**5**	8	
+ $	**3**	**3**	7	
$	**5**	**9**	**5**	

The unknown is ⬚**$595**.

8. $739 + $81 = ■

	1	**1**		
$	**7**	**3**	9	
+ $		**8**	1	
$	**8**	**2**	**0**	

The unknown is ⬚**$820**.

Problem Solving

9. Mathematical PRACTICE 1 Make a Plan The principal ordered 215 muffins and 155 bagels. How many muffins and bagels were ordered in all?

370 muffins and bagels

Vocabulary Check

Choose the correct word to complete each sentence.

reasonable   regroup   unknown

10. To __**regroup**__ means to rename a number using place value.

11. A missing number is the __**unknown**__.

12. If an answer makes sense, it is __**reasonable**__.

Test Practice

13. Mrs. Lewis bought two statues for her garden. One cost $145 and one cost $262. What was the total cost?

Ⓐ $117   Ⓒ $407

Ⓑ $317   Ⓓ $410

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