

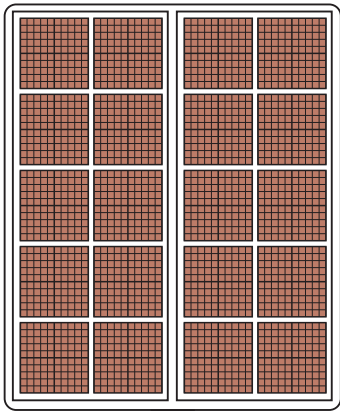
14-1

Numbers Greater Than 1000

How to Express Numbers

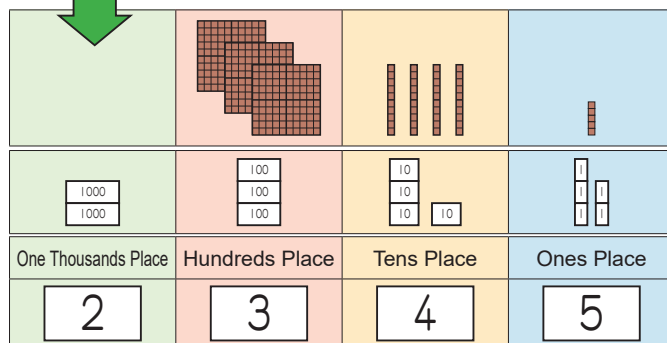
Instruction

There is the “One Thousands Place” next to the “Hundreds Place” that was already learnt. In this “One Thousands Place,” there are groups of 1000 blocks.



Two groups of a thousand is called two thousand.

If you put two thousand and three hundred forty-five together, we have the number “two thousand, three hundred forty-five.”

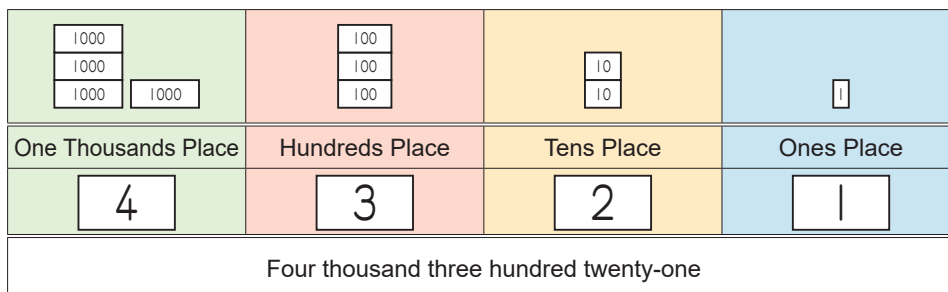


In many countries, the comma (,) or space are added every three digits to make it easier to read, like 2,345 or 2 345.

Example

What amount is shown in the following problems? Write the numbers and read them.

There are 4 groups of a thousand. It is called four thousand. There are 3 groups of a hundred (three hundred), 2 groups of a ten (twenty) and 1 (one). Altogether it is called four thousand three hundred twenty-one.



What amounts are shown in the followings? Write the numbers and read them.

1

One Thousands Place	Hundreds Place	Tens Place	Ones Place
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>			

2

One Thousands Place	Hundreds Place	Tens Place	Ones Place
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>			

3

One Thousands Place	Hundreds Place	Tens Place	Ones Place
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>			

4

One Thousands Place	Hundreds Place	Tens Place	Ones Place
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>			

5

One Thousands Place	Hundreds Place	Tens Place	Ones Place
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>			

6

One Thousands Place	Hundreds Place	Tens Place	Ones Place
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>			

7

One Thousands Place	Hundreds Place	Tens Place	Ones Place
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>			

There is nothing in some places. In this case, you can write "0" and do not read these places.



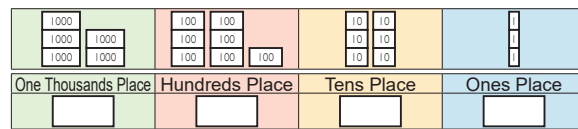
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Numbers Greater Than 1000

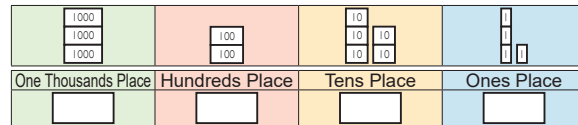
Structure of Numbers (1)

Example Write the number in the .

1 5763 is the number made of thousands, hundreds, tens, and ones.

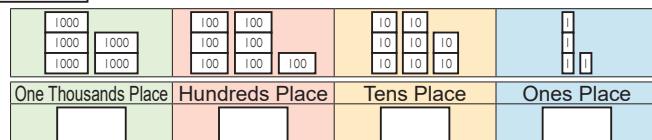


2 3254 is the number made of 3 thousands, 2 hundreds, 5 tens, and 4 ones.



Write the numbers in the .

1 5784 is the number made of thousands, hundreds, tens, and ones.



2 6532 is the number made of thousands, hundreds, tens, and ones.

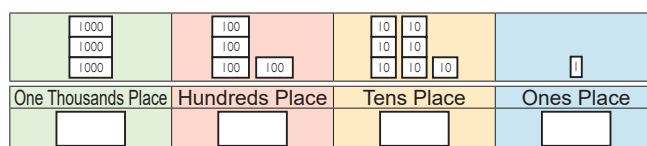
3 8307 is the number made of thousands, hundreds, and ones.

4 7605 is the number made of thousands, hundreds, and ones.

5 6082 is the number made of thousands, tens, and ones.

6 4003 is the number made of thousands and ones.

7 is the number made of 3 thousands, 4 hundreds, 7 tens, and 1 ones.



8 is the number made of 4 thousands, 2 hundreds, 8 tens, and 9 ones.

9 is the number made of 5 thousands, 3 hundreds, 1 tens, and 6 ones.

10 is the number made of 7 thousands, 6 hundreds, and 3 ones.

11 is the number made of 6 thousands, 3 tens, and 5 ones.

12 is the number made of 8 thousands and 5 tens.

13 is the number made of 2 thousands and 6 ones.

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Numbers Greater Than 1000

Structure of Numbers (2)

Example Write the numbers in the .

1 $7269 = \boxed{7000} + \boxed{200} + \boxed{60} + \boxed{9}$

7269 is the number made of 7000, 200, 60 and 9.

2 $4901 = \boxed{4000} + \boxed{900} + \boxed{1}$

4901 is the number made of 4000, 900, and 1.

Write the numbers in the .

1 $4612 = \boxed{} + \boxed{} + \boxed{} + \boxed{}$

2 $5749 = \boxed{} + \boxed{} + \boxed{} + \boxed{}$

3 $7836 = \boxed{} + \boxed{} + \boxed{} + \boxed{}$

4 $2674 = \boxed{} + \boxed{} + \boxed{} + \boxed{}$

5 $6420 = \boxed{} + \boxed{} + \boxed{}$

6 $8703 = \boxed{} + \boxed{} + + \boxed{}$

7 $5904 = \boxed{} + \boxed{} + + \boxed{}$

8 $1500 = \boxed{} + \boxed{}$

9 $2073 = \boxed{} + + \boxed{} + \boxed{}$

10 $4005 = \boxed{} + + + \boxed{}$

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Numbers Greater Than 1000

Comparing Numbers

Example Compare the following two numbers and write the appropriate sign ($<$ or $>$) in the .

1 $6000 > 5990$

2 $8397 < 8402$



First compare the numbers in the one thousands place.

If the numbers are the same, compare the numbers in the hundreds place.

Compare the following two numbers and write the appropriate sign ($<$ or $>$) in the .

1 $6235 \square 5982$

2 $3583 \square 4123$

3 $7100 \square 6900$

4 $5899 \square 6211$

5 $4584 \square 6291$

6 $2353 \square 1985$

7 $1486 \square 1613$

8 $7569 \square 7280$

9 $3529 \square 3129$

10 $4673 \square 4598$

11 $5769 \square 5799$

12 $8153 \square 8161$

13 $2057 \square 2058$

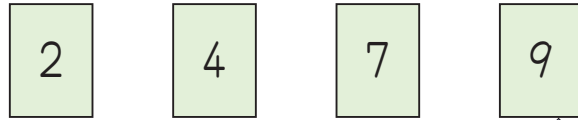
14 $3937 \square 3939$

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Numbers Greater Than 1000

Making Numbers

Example There are four number cards below. Make the following numbers by using these four cards.



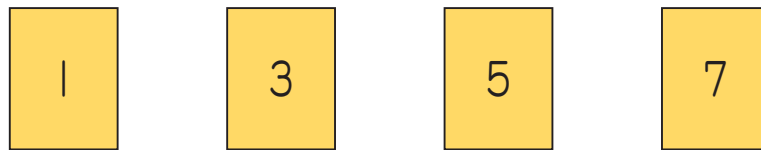
1 The largest number

2 The second largest number

The largest number card is 9. So, it will be 9 * * * .



There are four number cards below. Make the following numbers by using these three cards.



1 The largest number

2 The second largest number

3 The smallest number

4 The second smallest number

5 Numbers that are larger than 7500.

6 Numbers that are smaller than 1500.

There are two numbers altogether.



There are two numbers altogether.

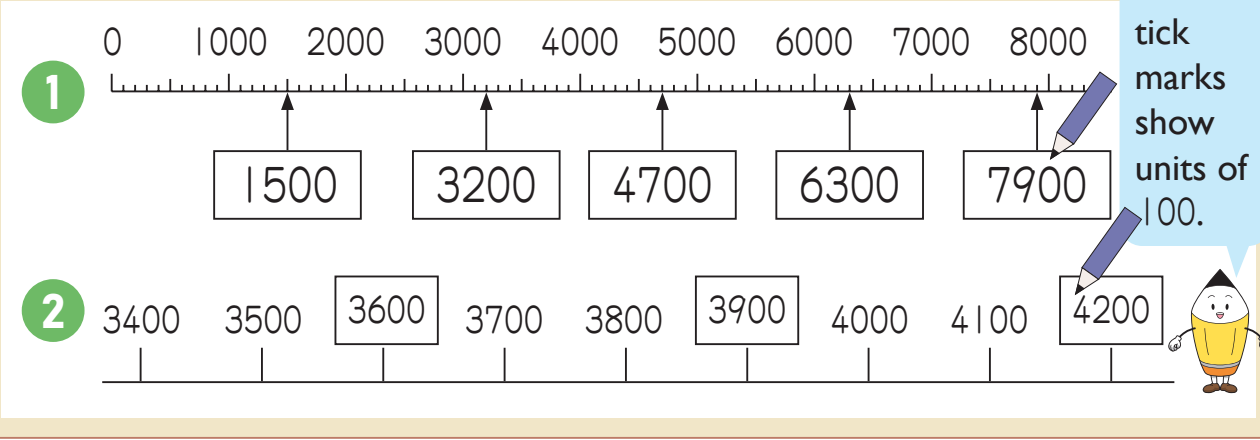


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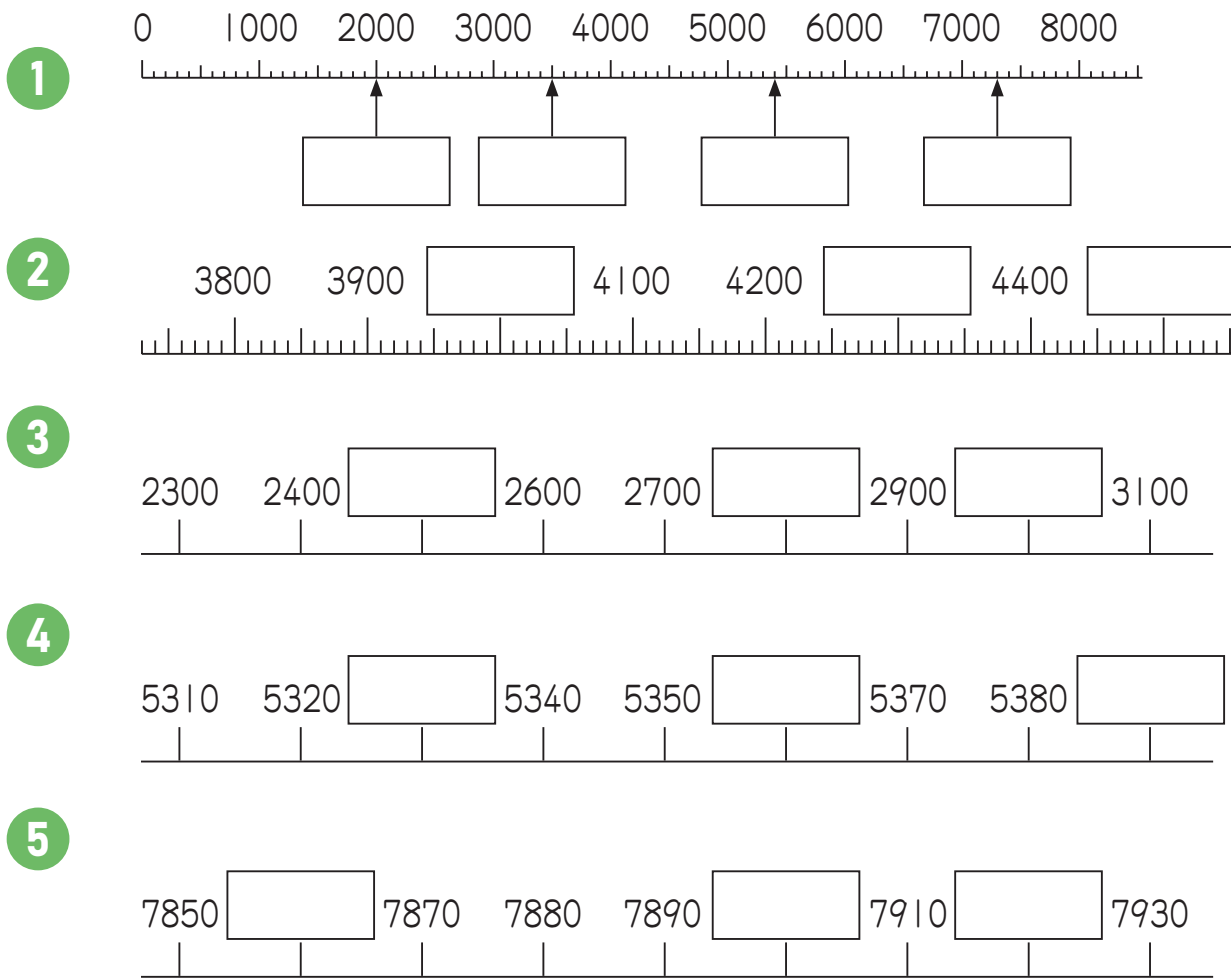
Numbers Greater Than 1000

Number Line

Example Write the numbers in the .



Write the numbers in the .



What is the smallest tick mark shown above?



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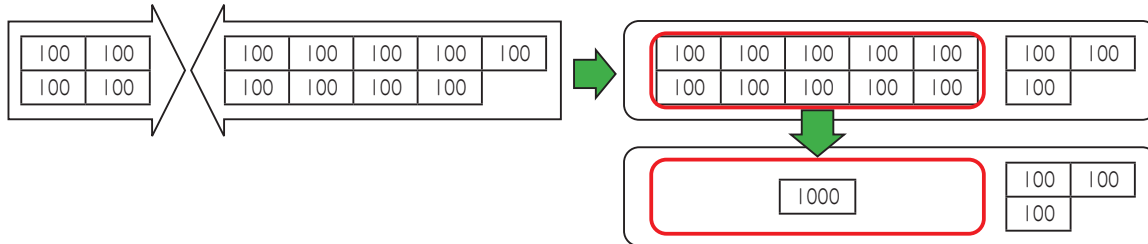
Numbers Greater Than 1000

Addition with Hundreds

Example 1 Calculate the following addition problem.

$$400 + 900 = \boxed{1300}$$

Think about how many hundreds there are.
 400 has 4 hundreds and 900 has 9 hundreds.
 So add 4 and 9. The answer is 13. It means 13 hundreds.
 13 hundreds is 1 thousand and 3 hundreds.
 Therefore the answer is 1300.



1 Calculate the following addition problems.

① $500 + 900 = \boxed{}$

② $900 + 400 = \boxed{}$

③ $700 + 800 = \boxed{}$

④ $400 + 800 = \boxed{}$

⑤ $400 + 700 = \boxed{}$

⑥ $800 + 900 = \boxed{}$

⑦ $500 + 600 = \boxed{}$

⑧ $900 + 100 = \boxed{}$

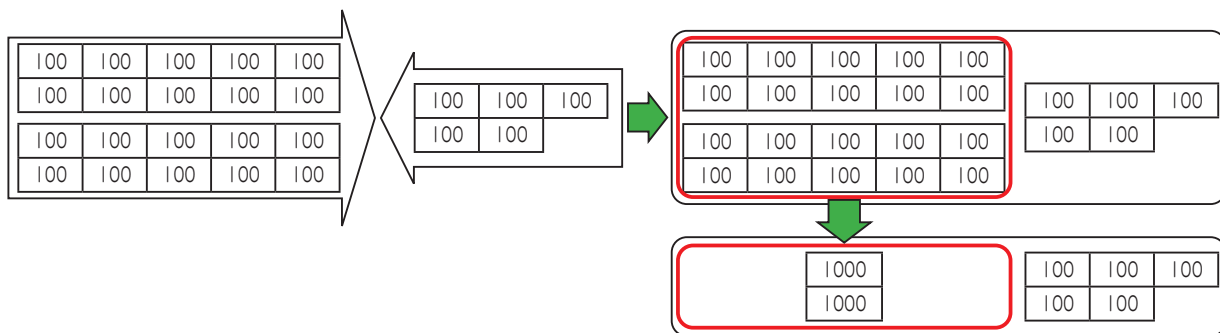
⑨ $500 + 700 = \boxed{}$

⑩ $200 + 800 = \boxed{}$

Example 2 Calculate the following addition problem.

$$2000 + 500 = \boxed{2500}$$

Think about how many hundreds there are.
 2000 has 20 hundreds and 500 has 5 hundreds.
 So add 20 and 5. The answer is 25. It means 25 hundreds.
 25 hundreds is 2 thousands and 5 hundreds.
 Therefore the answer is 2500.



1 Calculate the following addition problems.

① $2000 + 900 = \boxed{}$

② $5000 + 400 = \boxed{}$

③ $7000 + 800 = \boxed{}$

④ $9000 + 100 = \boxed{}$

⑤ $6000 + 700 = \boxed{}$

⑥ $1000 + 200 = \boxed{}$

⑦ $4000 + 600 = \boxed{}$

⑧ $3000 + 500 = \boxed{}$

⑨ $8000 + 300 = \boxed{}$

⑩ $7000 + 500 = \boxed{}$

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Numbers Greater Than 1000

Subtraction with Hundreds

Example 1 Calculate the following subtraction problem.

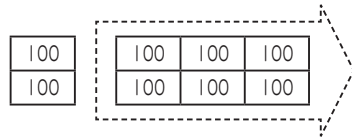
$$800 - 600 = \boxed{200}$$

Think about how many hundreds there are.

800 has 8 hundreds and 600 has 6 hundreds.

So subtract 6 from 8. The answer is 2. It means 2 hundreds.

Therefore the answer is 200.



1 Calculate the following subtraction problems.

① $800 - 700 = \boxed{}$

② $700 - 300 = \boxed{}$

③ $600 - 400 = \boxed{}$

④ $400 - 100 = \boxed{}$

⑤ $500 - 400 = \boxed{}$

⑥ $800 - 600 = \boxed{}$

⑦ $300 - 100 = \boxed{}$

⑧ $900 - 500 = \boxed{}$

⑨ $700 - 200 = \boxed{}$

⑩ $700 - 100 = \boxed{}$

⑪ $900 - 800 = \boxed{}$

⑫ $600 - 200 = \boxed{}$

Example 2 Calculate the following subtraction problem.

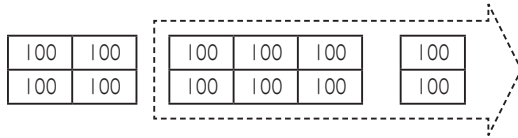
$$1200 - 800 = \boxed{400}$$

Think about how many hundreds there are.

1200 has 12 hundreds and 800 has 8 hundreds.

So subtract 8 from 12. The answer is 4. It means 4 hundreds.

Therefore the answer is 400.



2 Calculate the following subtraction problems.

1 $1200 - 900 = \square$

2 $1300 - 500 = \square$

3 $1600 - 700 = \square$

4 $1500 - 800 = \square$

5 $1400 - 700 = \square$

6 $1100 - 300 = \square$

Example 2 Calculate the following subtraction problem.

$$10000 - 3000 = \boxed{7000}$$

10000 is

1000	1000	1000	1000	1000
1000	1000	1000	1000	1000

Think about how many thousands there are.

10000 has 10 thousands and 3000 has 3 thousands.

So subtract 3 from 10. The answer is 7. It means 7 thousands. Therefore the answer is 7000.

3 Calculate the following subtraction problems.

1 $10000 - 6000 = \square$

2 $10000 - 8000 = \square$

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Numbers Greater Than 1000

Review

- 1** Write the numbers in the .
- 1** 7532 is the number made of thousands, hundreds, tens, and ones.
- 2** 2496 is the number made of thousands, hundreds, tens, and ones.
- 3** 7505 is the number made of thousands, hundreds, and ones.
- 4** is the number made of 2 thousands, 8 hundreds, 3 tens, and 5 ones.
- 5** is the number made of 7 thousands, 4 hundreds, 2 tens, and 7 ones.
- 6** is the number made of 2 thousands, 3 hundreds, and 4 ones.
- 7** $6194 = \text{} + \text{} + \text{} + \text{$
- 8** $1721 = \text{} + \text{} + \text{} + \text{$
- 9** $5432 = \text{} + \text{} + \text{} + \text{$

2 Compare the following two numbers and write the appropriate sign ($<$ or $>$) in the .

1 9876 8952

2 2345 3456

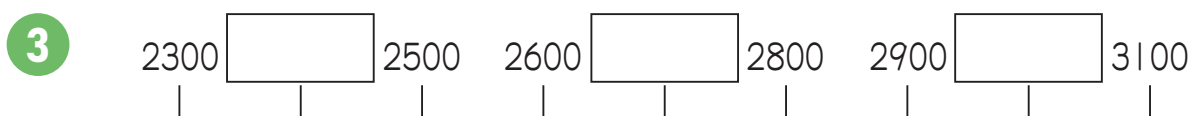
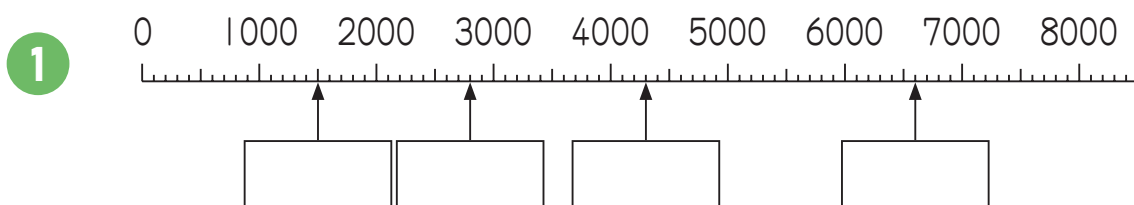
3 5632 5599

4 7389 7411

5 3610 3620

6 6285 6283

3 Write the numbers in the .



4 Calculate the following addition problems.

1 $300 + 900 =$

2 $700 + 400 =$

3 $7000 + 800 =$

4 $4000 + 500 =$

5 $600 - 200 =$

6 $800 - 600 =$

7 $1400 - 600 =$

8 $1300 - 800 =$

9 $10000 - 7000 =$

10 $10000 - 6000 =$