1) Use place value counters or the column method to calculate:
a) $5142-4085$
b) $9756-5873$

c) $8291-6534$


d) $7352-4867$

e) $5063-3258$

2) Which symbol should go in each box: > or < or =?
a) $2371-1938=$ $\qquad$ $1287-1038=$ $\qquad$
b) $5738-3474=$ $\qquad$
$\square$ $6246-3982=$ $\qquad$
c) $6084-2969=$ $\qquad$
$\square$ $7114-3998=$ $\qquad$
3) Agent $00 R 9$ breaks 4573 secret codes each week.

744 are in German. 453 are in French. The rest are in English.
How many English codes are broken each week?




1) Agent $00 R 9$ is trying to solve a case by cracking some codes. He has completed these calculations.

| 8 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
| 4 | 5 | 8 | 9 |
| 4 | 3 | 5 | 5 |



|  | $6{ }^{6}$ 8 $\quad 2 \quad 4$ |  |  |
| :---: | :---: | :---: | :---: |
| 6 | 2 | 5 | 8 |
|  | 5 | 6 | 6 |


| $--\quad 7$ | 2 | 3 | 6 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| - | 5 | 4 | 5 | 7 |
|  | 2 | 2 | 2 | 1 |

a) Check each calculation. Are they all correct? Where Agent 00R9 has made a mistake, write out the calculation correctly.
$\qquad$
$\qquad$
$\qquad$
b) Can you explain what mistake he has made?

$\qquad$
$\qquad$
$\qquad$
c) How would you explain to Agent 00R9 how to exchange
 when subtracting?
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$


Agent 00R9 says,
"You can only exchange once in a subtraction calculation."

Do you agree? Explain your answer.


1) Use the clues to help Agent 00R9 solve the calculation to find the combination to Dr Zed's safe.
$55 \square 4-4562=$ $\square$
1. The missing digit in $55 \square 4$ is an odd number.

2. The safe combination is a 4-digit number.
3. None of the digits in the combination are repeated.

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2) Agent 00R9 has set you a mission. Your mission is to use the digits 1 to 9 to make two 4-digit numbers. You can only use each digit once. The answer to the calculation should be as close to 2000 as possible.

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How close did you get? Compare your answer to others in your class. Did anyone get closer to 2000 ?

