

Subtracting Reverses:

A. There are two forms of subtracting reverses and both forms use the same concept.

1. The first form is subtracting a 3-digit number from its reverse.

Ex [1] $634 - 436 = \underline{\hspace{2cm}}$.

2. The second form is subtracting a 4-digit number but sectioned in pairs, from its reverse.

Ex [2] $2314 - 1423 = \underline{\hspace{2cm}}$.

3. In both forms take the first number (or first pair) and subtract from the remaining first number (or second pair).

4. The answer follows this form:

$$100n - n, \text{ where } n \text{ is the result of step 3.}$$

Ex [1] $634 - 436 = \underline{\hspace{2cm}}$.

a. $6 - 4 = 2$.

b. $100(2) - 2 = 198$.

c. The answer is 198.

Ex [2] $2314 - 1423 = \underline{\hspace{2cm}}$.

a. $23 - 14 = 9$.

b. $100(9) - 9 = 891$.

c. The answer is 891.

B. Be careful that the numbers you are subtracting are indeed reverses and also watch out to see if the answer should be negative or positive.