

Forwards add backwards

The other two ways are $561 + 165$ and $363 + 363$.

The three ways to make 707 are

- a) $403 + 304$
- b) $205 + 502$
- c) $106 + 601$

The three ways to make 766 are

- a) $284 + 482$
- b) $383 + 383$
- c) $185 + 581$

The 10 numbers between 700 and 800 are

- a) 706 $353 + 353$
- b) 726 $363 + 363$
- c) 746 $373 + 373$
- d) 766 $383 + 383$
- e) 786 $393 + 393$
- f) 707 $304 + 403$
- g) 727 $314 + 413$
- h) 747 $324 + 423$
- i) 767 $334 + 433$
- j) 787 $344 + 443$

All these numbers have an even number as the second digit because otherwise it won't be reversible. Also the last digit is either the same or 1 lower than the first digit.

There are 10 numbers between 300 and 400

There are 10 between 800 and 900

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|--------|--------|--------|--------|
| a) 302 | f) 303 | a) 808 | f) 807 |
| b) 322 | g) 323 | b) 828 | g) 827 |
| c) 342 | h) 343 | c) 848 | h) 847 |
| d) 362 | i) 363 | d) 868 | i) 867 |
| e) 382 | j) 383 | e) 888 | j) 887 |