The bike lock

Activity sheet

Ms. Karine is opening boxes to prepare for her class. She discovers an old bike lock in one of them. Since she doesn't remember the combination, she needs to solve the following riddle that she had given her students several years ago.

To find the three-digit combination, answer each question.

1. Among the following additions, how many involve carrying?   _____

271	875	825	656	278	386	71	93	472
+ 106	+ 222	+ 302	+ 205	+ 456	+ 446	+ 145	+ 334	+ 435

2. Among the following subtractions, how many involve borrowing?   _____

543	605	873	684	523	182	376	459	128
- 462	- 339	- 334	- 421	- 175	- 50	- 308	- 80	- 112

3. Among the following additions, how many DO NOT involve borrowing?   _____

461	859	134	230	375	736	885	823	635
+ 233	+ 133	+ 244	+ 303	+ 452	+ 443	+ 412	+ 352	+ 203