A Solution to Math Challenge 1

In mathematical terms look at each number modulo 7. In non-mathematical terms look at the remainder when each number is divided by 7.

When 104 is divided by 7 the remainder is 6. Dividing all of the given numbers by 7 you will find that the remainders are either 2, 3, or 4. So if we add up the 3 numbers which have remainder 2 we will get the only possible answer, since no other set of 3 remainders will give you 6.

Thus the answer is 16+23+65 = 104.