

Please do not write on this exam paper and do not forget to give it back at the end of the test

Subject 27 – ARITHMETIC

Ex1:

In the number sentence beside, three of the digits are missing, as shown by the boxes.
If the number sentence is correct, what is the sum of the three missing digits?

$$\square 2 \square - 76 = 3 \square 7$$

Ex2:

The sport of bingbong involves two players.
Each match consists of a number of rounds and each round consists of a number of points.
The first player to win four points in a round wins the round.
The first player to win six rounds in a match wins the match.
Suppose that after a match of bingbong, the winner has won W points while the loser has won L points. What is the largest possible value of $L - W$?