MAKE A NUMBER CHALLENGE

- Time allowed: two minutes per question.

- You will be asked to make a target challenge number using some or all of six given numbers.

- You may use some or all of the given numbers to make the challenge number using any of the following symbols:

$$( ) \quad + - \times \div$$

- You may use each symbol any number of times.

- You can only use each number once.

- You do not have to use all the numbers.

- *Three* marks are awarded if the challenge number is obtained within two minutes. An additional *one* bonus mark is awarded if the challenge number is obtained within one minute.

- Give your answer to your supervising teacher as soon as possible. If it is incorrect then try again! There is no penalty for second and subsequent attempts.

Make a Number – Mark Sheet.

School Name: _____ **School Number:** _____

Three marks are awarded if the challenge number is obtained within two minutes. An additional *one* bonus mark is awarded if the challenge number is obtained within one minute.

Question	Marks		Bonus	Total
1.	3	0	1	
2.	3	0	1	
3.	3	0	1	
4.	3	0	1	
5.	3	0	1	
6.	3	0	1	
7.	3	0	1	
8.	3	0	1	
9.	3	0	1	
10.	3	0	1	

Total:

Question 1

Use the numbers 100, 2, 3, 5, 5 and 8 to make 317

Answer:

Question 2

Use the numbers 75, 3, 3, 5, 7 and 8 to make 517

Answer:

Question 3

Use the numbers 100, 2, 5, 7, 8 and 9 to make 184

Answer:

Question 4

Use the numbers 75, 1, 2, 4, 5 and 6 to make 324

Answer:

Question 5

Use the numbers 75, 2, 4, 5, 5 and 9 to make 347

Answer:

Question 6

Use the numbers 75, 1, 3, 4, 8 and 9 to make 314

Answer:

Question 7

Use the numbers 100, 2, 5, 6, 7 and 8 to make 473

Answer:

Question 8

Use the numbers 75, 1, 4, 6, 6 and 8 to make 365

Answer:

Question 9

Use the numbers 75, 1, 4, 5, 6 and 7 to make 859

Answer:

Question 10

Use the numbers 25, 1, 4, 6, 8 and 9 to make 714