8. On friday, saturday, and sunday, 1356, 2518 and 3186 people attended a magic show. Estimate the total number of people who attended the show on the three days (Round off to the nearest 100). Find its difference with the actual number of people who attended the show.

ANS. Magic show attended on friday, saturday, and sunday, 1356, 2518, and 3186 respectively

Rounding off to nearest 100, we get 1400, 2500 and 3200

q. The classes I, II and III of a school have 2348, 3183 and 2891 students respectively. Estimate the total number of students of these classes by rounding off to the nearest 100.

Ans. Number of students in classes I, II are III are 2348, 3183 and 2891 respectively

Rounding off to nearest 100, we get 2300, 3200 and 2900

$\therefore$ 2300 + 3200 + 2900 = 8400

1
2300

3200

2900 sum to the
8400 nearest 100

	1 1 2	1
	1 3 5 6	1 4 00
+	2 5 1 8	2 5 0 0
	3 1 8 6	+ 3 2 0 0
	7 0 6 0	7 1 0 0
	Actual sum	sum to the nearest 100

$\therefore$ 1400 + 2500 + 3200 = 7100

Actual sum = 1356 + 2518 + 3186 = 7060

The differce = 7100 - 7060 = 40