

Worksheet of class 7th
Subject = Mathematics
Chapter = 6 Number Play

Q1 Find the parity of the number of small squares in the following grids.

- a) 35×17 b) 111×522

Q2 Find out the parity of the following sums.

- a) Sum of 3 even numbers and 4 odd numbers.
b) Sum of 4 odd numbers.

Q3 Find out the parity of the differences. Even - odd.

Q4 Construct a 3×3 magic square with magic sum 36.

Q5 Form a 3×3 magic square using the first nine multiples of 5. Compare the sum with those in the basic 1-9 magic square.

Q6 Fill the magic squares -

(A)

2	9	4

(B)

3	5	7

Q7 Solve the following puzzles (cryptarithm)

a)
$$\begin{array}{r} \text{TOP} \\ - \text{TOP} \\ \hline \text{CAR} \end{array}$$

b)
$$\begin{array}{r} \text{ABC} \\ + \text{C} \\ \hline \text{ABC} \end{array}$$

c)
$$\begin{array}{r} \text{XY} \\ + \text{YX} \\ \hline \text{ZZ} \end{array}$$

d)
$$\begin{array}{r} \text{AB} \\ + \text{C} \\ \hline \text{AC} \end{array}$$

e)
$$\begin{array}{r} \text{CC} \\ + \text{1D} \\ \hline \text{EC} \end{array}$$

f)
$$\begin{array}{r} \text{LEE} \\ + \text{LET} \\ \hline \text{ALL} \end{array}$$

