Worksheet of Class 8th
Subject : Mathematics
Chapter-5 Number Play

Q1 Write algebraic expressions which always give
(a) an even number
(b) an expression when divided by 4 leaves remainder 3.

Q-2 The sum of three consecutive odd number is 69. find the numbers.

Q-3 The digital root of a 6-digit number is 7. What will be the digital root of 20 more than that number?

Q-4 What will be the digital root of the number 18a + 45b + 16 ?

Q-5 Solve the following
(a) RS x 3 = TRS
(b) MN x 7 = PMN

Q-6 Find out whether the following numbers are divisible by 11. Also find the remainder if the number is not divisible by 11.
(a) 749 (b) 67441

Q-7 Find digital root of 30882.

Q-8 Write two algebraic expressions that are always odd. Explain

Q-9 If 5 divides P and 5 divides Q. Prove that 5 divides 2P + 3Q by making use of algebraic expression.

Q-10 Prove that the following statement is never true.
"when we add an odd number to an even number, we get a multiple of 6".