- 3. How many whole numbers have their squares equal to themselves?
- 4. Is division of two whole numbers always defined? Is it commutative?
- 5. Name a four-digit number whose predecessor is a three-digit number.

LET'S EVALUATE

- 1. Write the three whole numbers occurring just after 9,998.
- 2. Write the three whole numbers occurring just before 20,001.
- 3. Write the predecessor of 1,02,999.
- 4. Write the successor of 76,85,949.
- 5. Find the sum of 2 and 7 using a number line.
- 6. Find the product of 3 and 6 using a number line.
- 7. Simplify $256 \times 55 + 45 \times 256$ using properties of whole numbers.
- 8. Find the value of $1,738 \times 125 1,738 \times 25$.
- 9. Simplify (256 ÷ 16) ÷ 4.
- 10. Find the least 5-digit number exactly divisible by 33.
- 11. By studying the pattern given below, evaluate the following:

$$1 + 2 = \frac{2 \times 3}{2}$$
(a) $1 + 2 + 3 + \dots + 100$

$$1 + 2 + 3 + \dots + 100$$
(b) $2 + 4 + 6 + \dots + 100$
(c) $30 + 31 + 32 + \dots + 50$

THINKING SKILLS

- 1. Does an identity element exist in addition of whole numbers? What is it? In which other fundamental operation does an identity element exist? What is it?
- 2. Is the difference of two whole numbers commutative? What can you say about the absolute values of the difference?
- 3. If d divides n completely, can we say $\frac{n}{d}$ will also divide n completely?
- 4. Which is greater, the sum of first hundred whole numbers or the product of first hundred whole numbers?
- 5. If 4 is removed from the set of whole numbers, is the set closed with respect to addition?
- 6. If 7 is removed from the set of whole numbers, is the set closed with respect to multiplication?
- 7. Describe a real life situation that could be represented by the expression $8 \times 4 + 6$.

VALUES AND LIFE SKILLS

- 1. A bus moves at a constant speed of 96 km per hour. How much distance will it cover in 14 h? Is it safe to drive above the speed limit?
- 2. In a canteen, a dosa costs ₹ 10 and a cup of tea costs ₹ 3. Reena had a dosa and a cup of tea everyday for 11 days. How much money did she spend in the canteen? Is it good for your health to eat canteen's food regularly?

	In Roman numerals, X can be subtracted from and only
3 .	The estimate of the number 764 when rounded off to nearest hundreds is
4.5.	A number greater than or equal to 500 and less than 1500 on rounding off to nearest thousand gives
A -116	swer in One Word or a Line
Alla	Which digit in the number 1,234 has the highest face value?
1.	Which digit in the number 1,234 has the highest place value?
	How many kilograms are there in 1 quintal?
	Which symbol is used to represent 10,000 in the Roman numeral?
	What number is obtained on rounding off 6,292 to the nearest hundreds?
LET	T'S EVALUATE
1.	Write the numerals for each of the following:
	(a) Sixteen crore forty lakh ten thousand two hundred forty-nine
	(b) Seven crore two lakh eighty-seven
	Write number names for (a) 7,23,56,708 (b) 27,57,002
80	Write each in expanded form: (a) 5,35,23,981 (b) 34,49,28,876
4.	Find the difference between the place values of two 7s in 78,65,49,756.
	How many five-digit numbers are there in all?
6	Arrange the following numbers in ascending as well as descending order:
	4,75,63,892; 56,45,389; 3,27,896; 5,64,585 and 45,87,692.
7.	The construction cost of 18 duplex houses constructed by a builder is ₹ 4,56,24,564. What is the cost of one such duplex house?
8	3. A student multiplied 7,236 by 75 instead of multiplying by 57. By how much was his answer greater than the correct answer?
9	2. A vessel has 5 L, 500 mL of ice cream. How many ice cream cups, each of 50 mL capacity, can be filled?
10). Express each of the following as a Hindu-Arabic numeral:
	(a) XXXII (b) XCV (c) DCCLXIV (d) CCXX
	(e) MVI (f) LXXXIV
11	Estimate and compare with the actual sum: (a) $760 + 683$ (b) $9,864 + 2,349$
12	2. Estimate the product of 367×540 by rounding off each number to its nearest hundreds.
13	3. Find the estimated quotient for 473 ÷ 19.
14	4. Express the following numbers as Roman numerals:
	(a) 446 (b) 341 (c) 66 (d) 227
	(e) 49 (f) 999