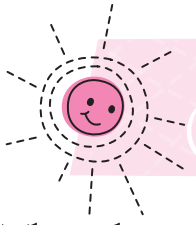


INDEX

- 1. Comparative Terms** 5
 - Small, and big • Before, after, and between • Greater and smaller
- 2. Numbers up to 1-20** 8
 - Number Sequence • Numbers and number names
 - Place value of 2-digit number under 20 • Application of Pre-number concepts • Counting forward and counting backward • Exercise
- 3. Addition up to 20** 14
 - Basic addition • Adding number combinations of ten • Adding three numbers • Number bonds and missing numbers • Adding ten to single digit, one more than • Adding 2-digit and 1-digit numbers, Word Problems • Exercise

Practice Exercise 1 20
- 4. Subtraction up to 20** 21
 - Basic subtraction • Subtracting from 10, one less than
 - Subtracting from 2-digit , number families • Word Problems
 - Exercise
- 5. Number from 21 to 50** 27
 - Number and number names • Counting numbers upto 30, 40, 50 and place value • Ascending and descending order, number after and number before • Exercise
- 6. Addition and Subtraction up to 50** 31
 - Adding 2 digit and 1 digit, adding 2 digit to 2 digit numbers
 - Adding in tens, five more than, ten more than • Number families
 - Word Problems • Subtracting 1 digit from 2 digit, subtracting 2-digit from 2-digit • Subtracting tens, five less than, ten less than
 - Number families and Word Problems • Exercise

7. Money	36
• Money, place value • Computation • Word Problems up to ₹50	
8. Measurements	39
• Measuring Length • Measuring Weight • Measuring Capacity	
• Exercise	
Practice Exercise 2	44
9. Numbers from 51 to 100	45
• Counting in tens • Place value, before and after • Ascending and descending order • Exercise	
10. Addition and subtraction up to 100	50
• Number families • Adding 2-digits along with word problems	
• Subtracting 10s and subtracting the same number • Number families • Subtracting 2-digit from 2-digit along with word problems • Exercise	
11. Multiplication	55
• Repeated addition • Multiplication up to times table of 3	
12. Division	58
• Repeated subtraction • Introduction using the symbols	
Practice Exercise 3	61
13. Shapes	62
• Shapes and Objects • Similar shapes • Patterns	
• Exercise	
14. Time and Money	66
• Reading time, days of the week • Money problems up to ₹100	
15. Numbers from 101 to 200	68
• Counting numbers • Ascending and descending order	
16. Logical Reasoning	70
Practice Exercise 4	72
Model Question Paper for Olympiad and NTSE	73



1. Comparative Terms

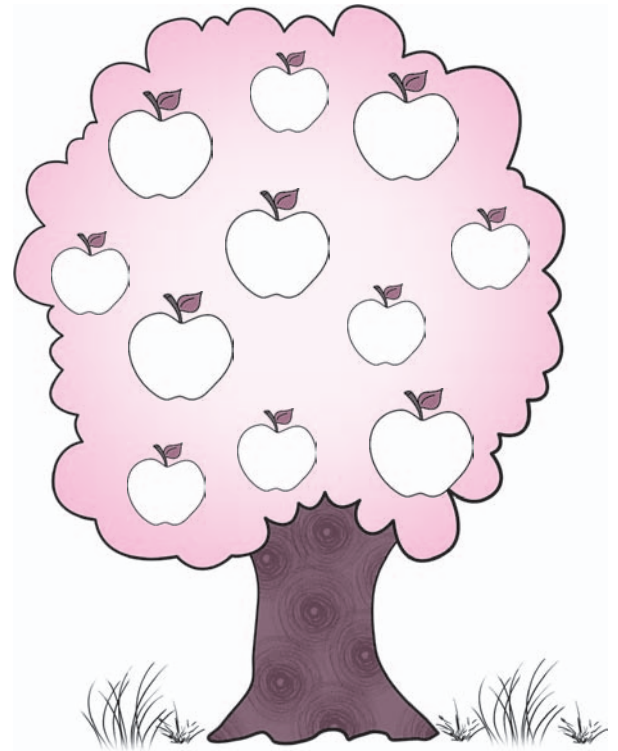


This chapter introduces Mathematics by revisit the basic concepts of comparison that enables a child to differentiate, compare and to order numbers in a given sequence.

BIG AND SMALL

EXERCISE - 1.1

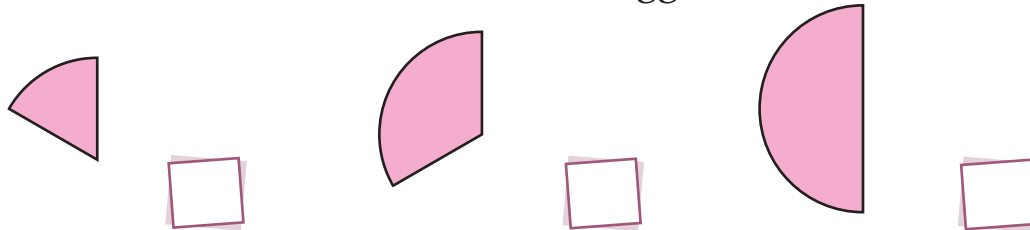
1. Count and write the number of big and small apples in the boxes given below. Colour the big apples red and the small ones green.



There are big apples on the tree.

There are small apples on the tree.

2. A cake has been cut into smaller pieces. Number them from the smallest to the biggest. Number the smallest 1 to the biggest 3.



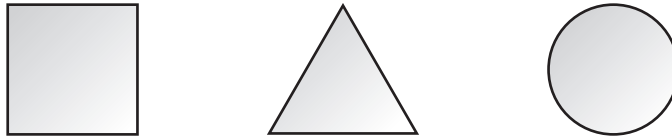
3. Number the biggest 1 to the smallest 3.



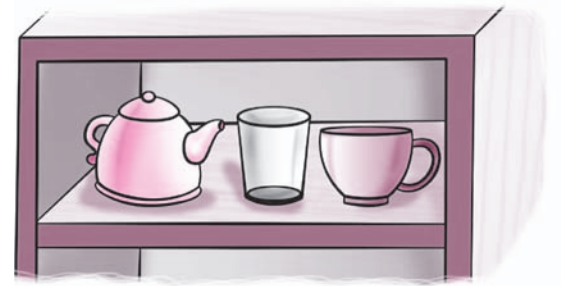
BEFORE, AFTER AND BETWEEN

EXERCISE - 1.2

1. Look at the three shapes in a row and fill in the following blanks, with before, after and between.



- a. The square is in front of the triangle which means it is placed _____ the triangle.
- b. The triangle is placed in the middle of the square and the triangle which means it is placed _____ the square and the circle.
- c. The circle is placed behind the triangle which means it is placed _____ the triangle.



2. There is a kettle, a cup and a glass on the cupboard shelf. Now answer the following:

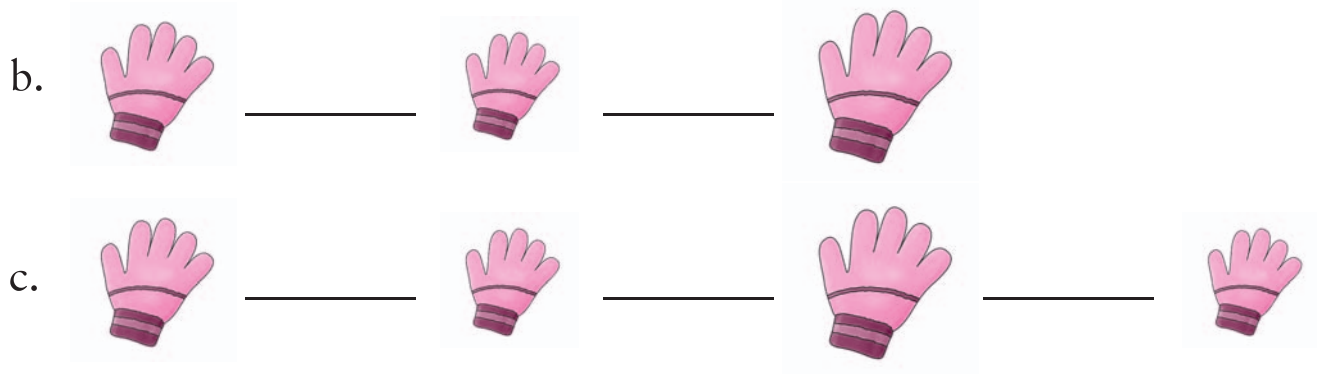
- a. What is placed before the glass in the cupboard shelf? _____
- b. What is placed after the glass in the cupboard shelf? _____
- c. What is placed in between the kettle and the cup in the cupboard shelf? _____

GREATER AND SMALLER

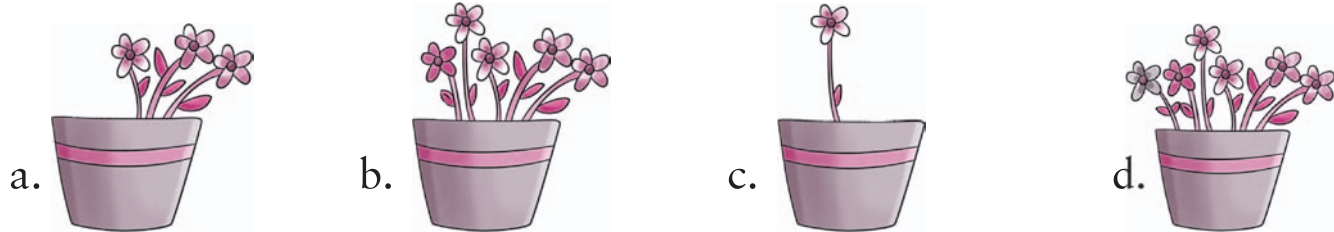
EXERCISE - 1.3

1. Given below are pictures of woollen hand gloves of different sizes. Use the greater than (>) or lesser than symbol (<) to show sizes that are greater than the other or lesser than the other.





2. Circle the flower pot which has flowers greater than 4 but less than 6.



3. Using the greater than (>) or lesser than (<) symbol, complete the following. One has been done for you.

- | | | |
|------------|------------|------------|
| a. 3 > 2 | d. 1 ___ 2 | g. 5 ___ 2 |
| b. 5 ___ 4 | e. 5 ___ 6 | h. 1 ___ 2 |
| c. 7 ___ 3 | f. 8 ___ 9 | i. 1 ___ 3 |

4. Considering the following number sequence: 1, 2, 3, 4, 5, 6, 7, 8, 9.
Answer the following:

- | The number before | The number after | The number between |
|--|------------------|--------------------|
| a. 6 _____ | d. 8 _____ | g. 1 _____ 3 |
| b. 2 _____ | e. 2 _____ | h. 4 _____ 6 |
| c. 8 _____ | f. 6 _____ | i. 7 _____ 9 |
| j. Write three numbers bigger than 6: _____, _____, _____. | | |