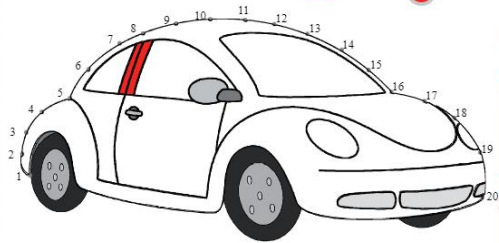


1

NUMBERS UP TO 20

Warm Up

10 Click and place the colour on the car. **ANS**



11 Type the correct number in the **ANS**

1. Which is smaller: 12 or 19?
2. What comes before 10?
3. Which is greater: 18 or 16?
4. What comes after 19?
5. What comes between 9 and 11?



NUMBER NAMES

10 A. Type the missing letters in the number names. **ANS**

1. O N E
2. T _ _ _
3. T _ _ _ E
4. F _ U _
5. F _ _ _ _
6. S _ X _
7. S _ _ _ N
8. I _ H _
9. I _ _ _ _
10. T _ _ _ N

11 B. Count and type the number names. **ANS**

1. three
2. _____
3. _____
4. _____



ZERO



There were 2 apples in the basket.



Rehan and Neha ate 1 apple each.



Now, there are no apples in the basket.

Zero means nothing or none. It is written as 0.

11 C. Count and type the number of birds in the nest. **ANS**

- 1.
- 2.
- 3.
- 4.

MAKING TEN



a bundle of 10 pencils

Place of digit	
Tens	Ones
1	0



a bunch of 10 grapes

Tens	Ones
1	0

10 ones = 1 ten

10 is a 2-digit number. To write 10, we put 0 in the ones place and 1 in the tens place.



BUILDING NUMBERS

10	1	Tens 1	Ones 1	11	eleven
10	2	Tens 1	Ones 2	12	twelve
10	3	Tens 1	Ones 3	13	thirteen
10	4	Tens 1	Ones 4	14	fourteen
10	5	Tens 1	Ones 5	15	fifteen
10	6	Tens 1	Ones 6	16	sixteen
10	7	Tens 1	Ones 7	17	seventeen
10	8	Tens 1	Ones 8	18	eighteen
10	9	Tens 1	Ones 9	19	nineteen
10	10	Tens 2	Ones 0	20	twenty



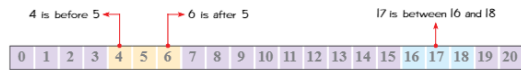
D. Type the numbers and number names. ANS

11	11	eleven	eleven
12	12	twelve	twelve
13		thirteen	
14		fourteen	
15		fifteen	
16		sixteen	
17		seventeen	
18		eighteen	
19		nineteen	
20		twenty	

E. Type the missing numbers. ANS



Using the number strip to write numbers



F. Type the number that comes before ANS

- 6 7
- 1
- 20
- 5
- 18
- 11

G. Type the number that comes after ANS

- 13 14
- 9
- 17
- 7
- 15
- 19

H. Type the number that comes in between ANS

- 2 3 4
- 5 7
- 9 11
- 14 16
- 10 12
- 18 20

HOTS Questions

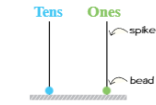
Sona is after Anju.
Meena is before Anju.

Type their names in order starting from the girl in the red dress. ANS

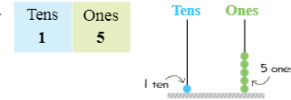
1 _____ 2 _____ 3 _____

NUMBERS ON AN ABACUS

We use an abacus to count numbers. An abacus has spikes for putting beads. One bead in the ones place shows 1 one. One bead in the tens place shows 1 ten. The number shown on the abacus is 11.



Let us show 15 on an abacus. 15 has 1 ten and 5 ones.



I Can Do It!

Type the number shown on each abacus. ANS

- Tens: 1, Ones: 3
- Tens: 2, Ones: 5
- Tens: 3, Ones: 1
- Tens: 4, Ones: 2

BEFORE, AFTER AND BETWEEN

Maya is before Aslam.
Jane is after Aslam.
Aslam is between Maya and Jane.



COMPARING NUMBERS

Smaller and bigger numbers

I. Click and place the tick (✓) which has less and cross (X) which has more. ANS

- Two baskets of lemons. The first has 4 lemons, the second has 5 lemons.
- Two packs of pencils. The first has 3 pencils, the second has 4 pencils.

Jack has 4 balls. Aman has 2 balls. Gita has 1 doll. Diya has 2 dolls.

4 is more than 2. We say, 4 is greater than 2. We write, $4 > 2$.

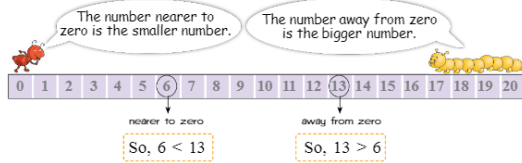
1 is less than 2. We say, 1 is less than 2. We write, $1 < 2$.

I Can Do It!

Count and type > or < in the ANS

- Two baskets of oranges. The first has 4 oranges, the second has 5 oranges. $4 < 5$
- Two ponds with ducks. The first has 2 ducks, the second has 3 ducks. $2 < 3$

Using the number strip to compare numbers



J. Click and place the tick (✓) for the smaller number and cross (X) for the bigger number. **ANS**

1. 2. 3.

4. 5. 6.

K. Click to circle the smallest number and type the biggest number. **ANS**

1. 4 7 7 2. 14 12 17 3. 11 6 5

4. 19 8 17 5. 10 5 12 6. 1 10 20

I Can Do It!

Using the number strip, type > or < in the **ANS**

1. 11 < 13 2. 17 > 7 3. 16 > 18

4. 8 < 10 5. 9 < 19 6. 20 > 10



14

M. Type the numbers from the smallest to the biggest. **ANS**

1. 5 8 7 2 2 5 7 8

2. 9 16 10 6

3. 14 11 13 18

BIGGEST TO SMALLEST

These animals are arranged from the biggest to the smallest in size.



N. Type the numbers from the biggest to the smallest. **ANS**

1. 6 9 8 1 9 8 6 1

2. 10 17 9 14

3. 15 12 14 10

A Value for Me

Riya shares 11 toys and Piya shares 15. Madhav shares 9 toys and Rohan shares 20. Type the number of toys shared from the smallest to the biggest. **ANS**



6

Equals

When two numbers have the same value, we say they are equal.

I Can Do It!

Count and type = in the **ANS** if both sides are equal.

1. 2.

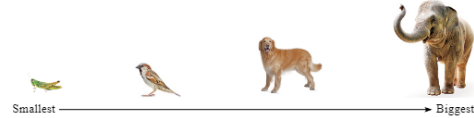
L. Fill in the **ANS** with >, < or =.

1. 11 > 20 2. 5 < 15 3. 6 < 14 4. 17 > 12

5. 4 < 14 6. 12 = 12 7. 18 > 15 8. 16 < 16

SMALLEST TO BIGGEST

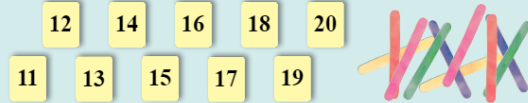
These animals are arranged from the smallest to the biggest in size.



Maths Lab Activity

Aim: To build numbers from 11 to 20

You will need: Number cards with the numbers 11 to 20 written on them, 20 ice cream sticks and 8–10 rubber bands



Steps

- Form pairs of two students each. Place all the material on the teacher's table.
- One pair of students walks to the teacher's table. Student A picks up a number card and picks as many ice cream sticks as the number on the card. **15**
- Student A gives the ice cream sticks to Student B. Student B puts a rubber band around 10 ice cream sticks and leaves the rest of the sticks loose. She/he has made a bundle of 10.
- They fill the table in their textbooks.

Number card picked	Bundle of 10 ice cream sticks	Loose ice cream sticks	Number formed
15	1 ten	5 ones	1 ten and 5 ones = 15

The other pairs of students take turns to repeat steps 2, 3 and 4 with different numbers.



17



Mental Maths

A. Click and place the colours on the patches to match each number with its number name. **ANS**

13	11	17	19
18	15	12	14

thirteen	fifteen	twelve	nineteen
fourteen	eleven	eighteen	seventeen

B. The fishes have numbers written on them. Type the numbers that are greater than 12 but less than 18 in the box. **ANS**

13,



Worksheet

The children are having a party. Answer the following. **ANS**

- Count and write. Number of girls Number of boys
- There are 4 glasses, 14 ladoos and 3 cards. Arrange these numbers from the smallest to the biggest.
- Which are less: number of ladoos or number of cards? _____
- Fill >, < or = in the
 - Number of glasses Number of ladoos
 - Number of boys Number of girls

