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# Maths Smart 0

**Look inside · 23 sample pages**

Pre-primary / UKG maths, 120 colourful pages: from big and small to counting to 100, before and after, greater and less, adding, taking away, time and money.

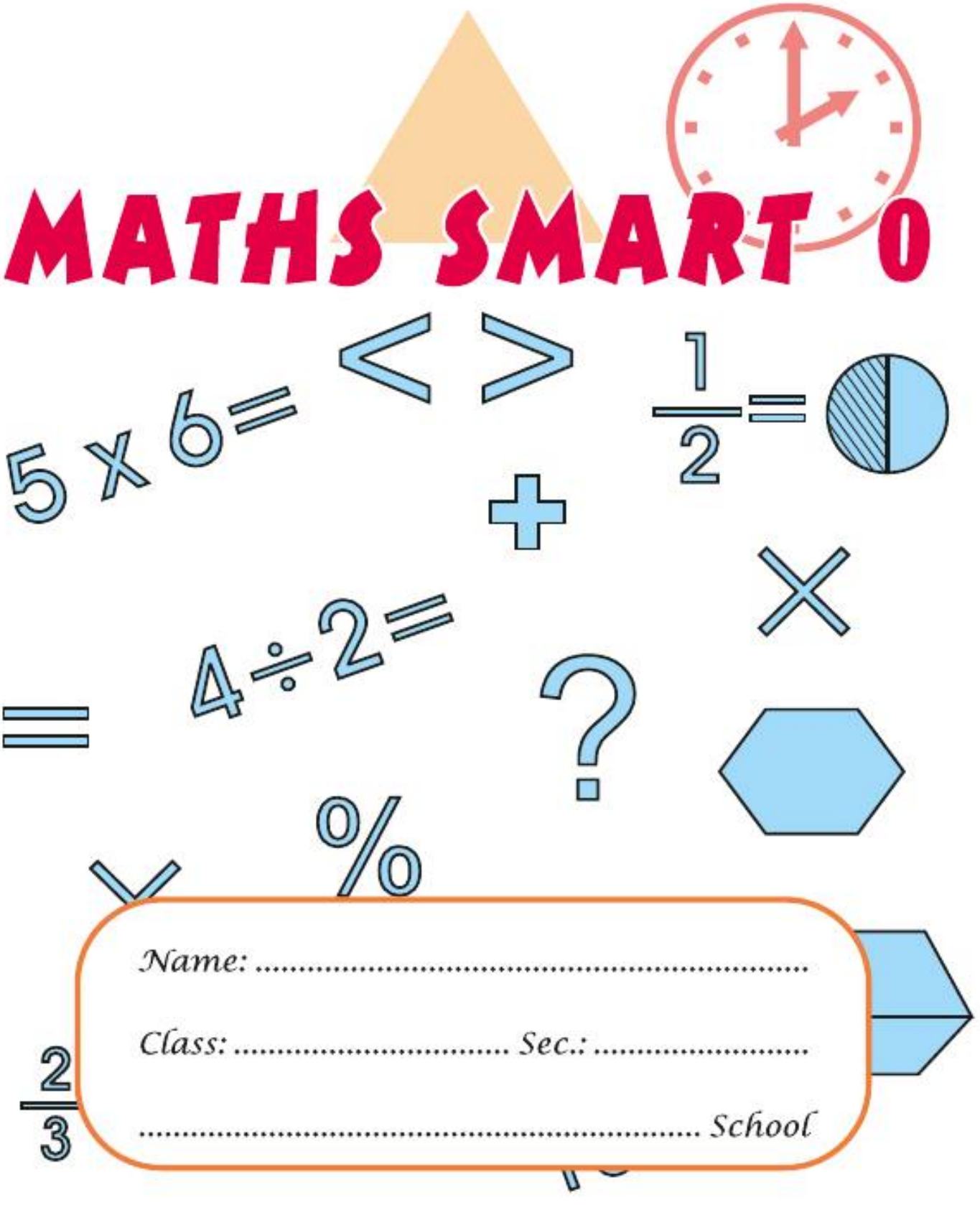
## What these pages show


1. p 1 – Cover
2. p 3 – Contents
3. p 5 – Unit 1 · Big and small
4. p 7 – Tall and short
5. p 13 – Far and near – talk page
6. p 19 – Revision 1 to 20
7. p 20 – Counting forward and backward
8. p 28 – 21 to 30 with bead strings
9. p 29 – Practice work
10. p 54 – Count and circle
11. p 62 – Missing numbers
12. p 67 – Unit 3 · What comes before
13. p 69 – Choose the number before
14. p 82 – Unit 4 · Mr Croc: greater and less
15. p 84 – Compare and put the sign
16. p 92 – Unit 5 · Addition stories
17. p 94 – Count, add and write
18. p 100 – Unit 6 · Subtraction stories
19. p 102 – Take away
20. p 108 – Unit 7 · Number names
21. p 115 – Number crossword
22. p 117 – Unit 8 · Time: o'clock
23. p 120 – Indian currency


## Free for schools using the book

Teacher's Manual with a 36-week plan and the answer to every page · 77 flashcards · 4 wall charts · 3 check-ups and a final, with answers · class record and progress card (English–Hindi) · parent sheets for every unit (English–Hindi) · "Well done!" certificate. Teachers view the material on **deepshikhabooks.com/SchoolSupport.aspx** with their school code.

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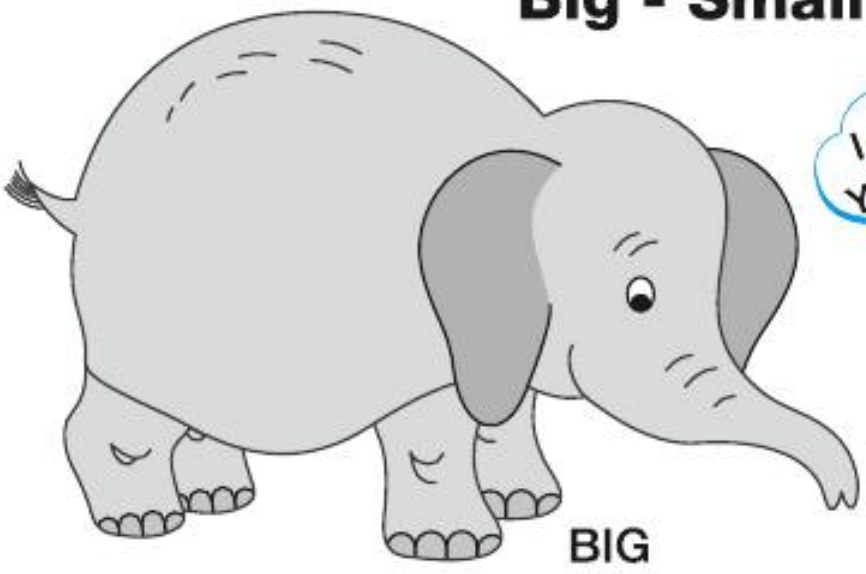
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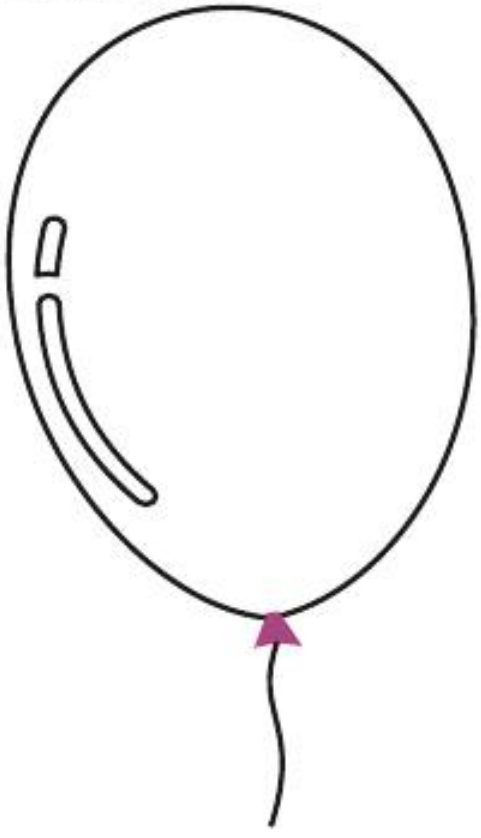
# PRE-NUMBER CONCEPT

**Date: .....** **Assignment - C.W./H.W.**

## Big - Small




**Colour the big picture.**





**Teacher's Signature:**

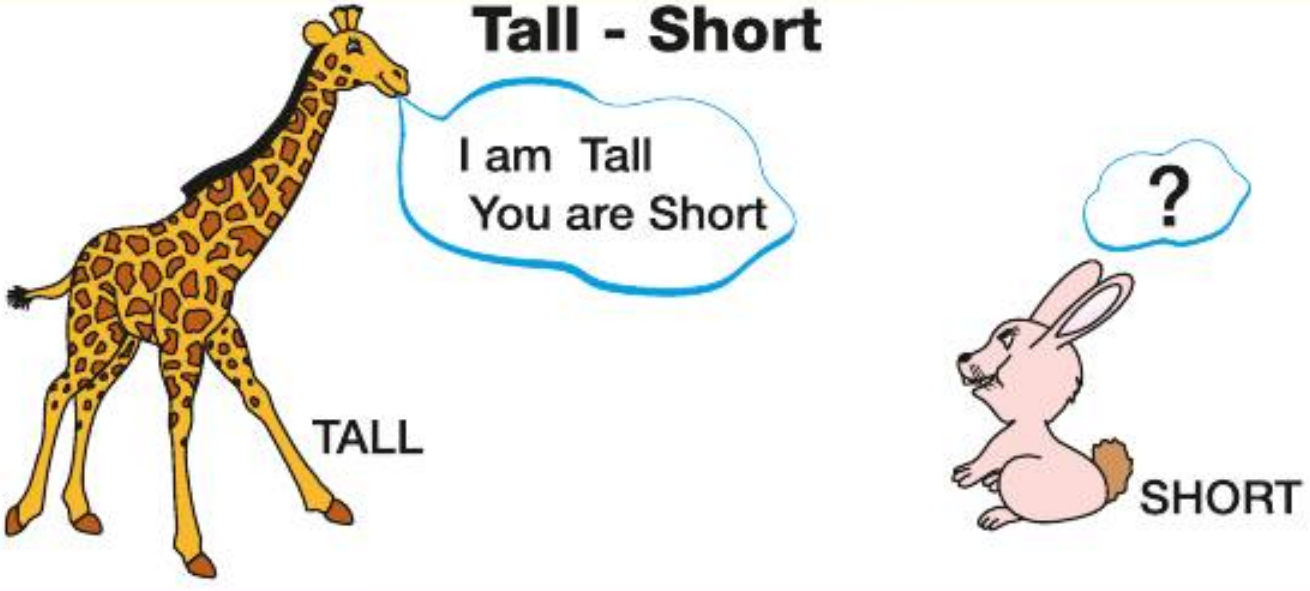


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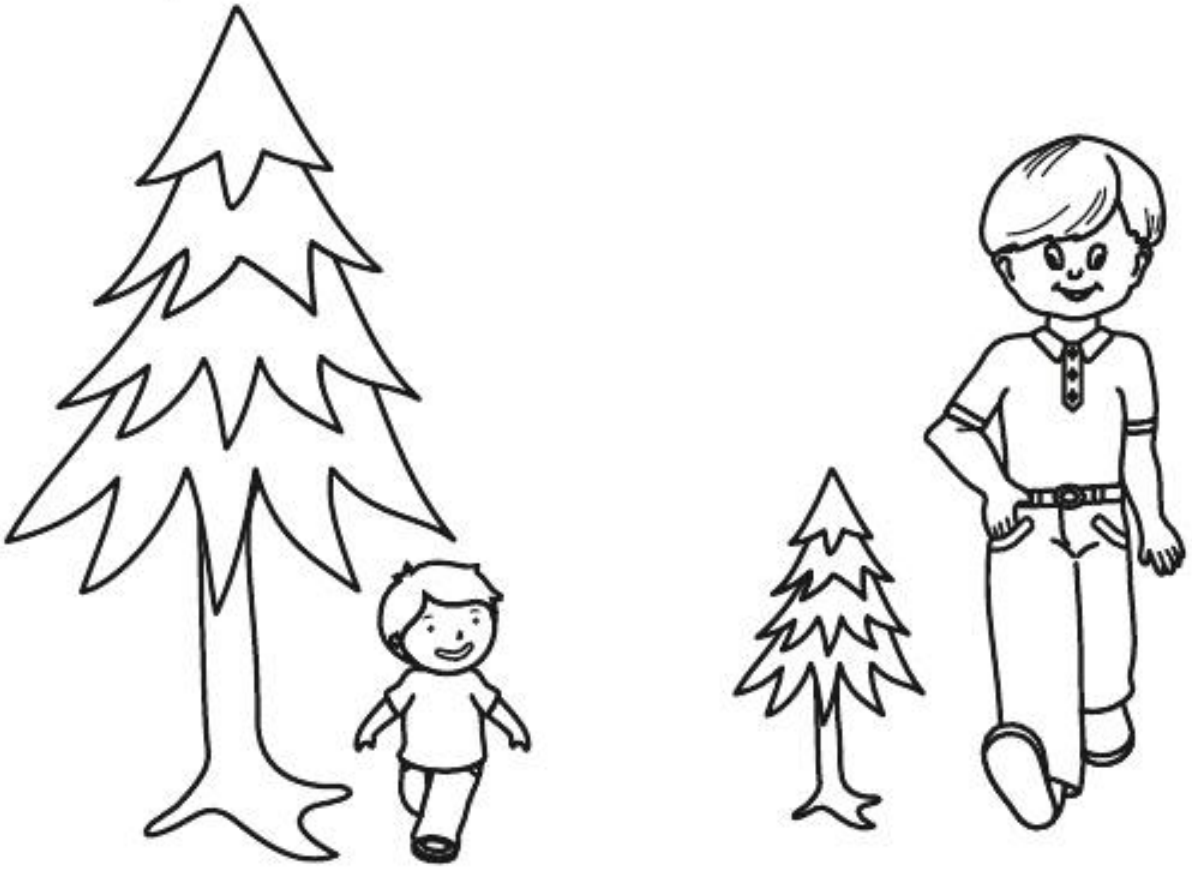
# PRE-NUMBER CONCEPT

**Date: .....** **Assignment - C.W./H.W.**

## Tall - Short




**Colour the tall pictures.**



**Teacher's Signature:**



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# PRE-NUMBER CONCEPT

Date: .....  Assignment - C.W./H.W.

## Far - Near



Far



Near



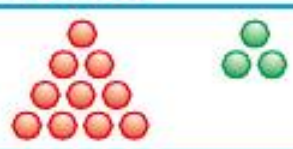
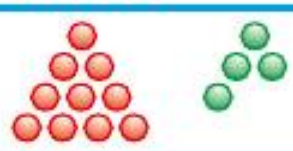
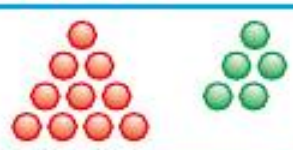
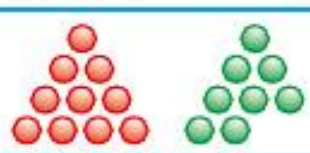
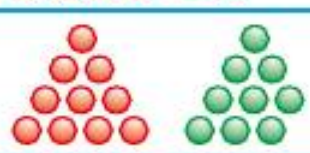
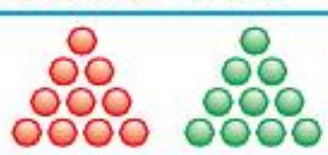
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# REVISION OF 1 TO 20

Date: ..... Assignment - C.W./H.W.

**Count and read.**

| | | | |
|---|---|---|---|
| ● | 1 |  | 10+1 = 11 |
| ●● | 2 |  | 10+2 = 12 |
| ●●● | 3 |  | 10+3 = 13 |
| ●●●● | 4 |  | 10+4 = 14 |
| ●●●●● | 5 |  | 10+5 = 15 |
| ●●●●●● | 6 |  | 10+6 = 16 |
| ●●●●●●● | 7 |  | 10+7 = 17 |
| ●●●●●●●● | 8 |  | 10+8 = 18 |
| ●●●●●●●●● | 9 |  | 10+9 = 19 |
| ●●●●●●●●●● | 1 Ten = 10 |  | 10+10 = 2 tens = 20 |




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# COUNTING - Forward and Backward

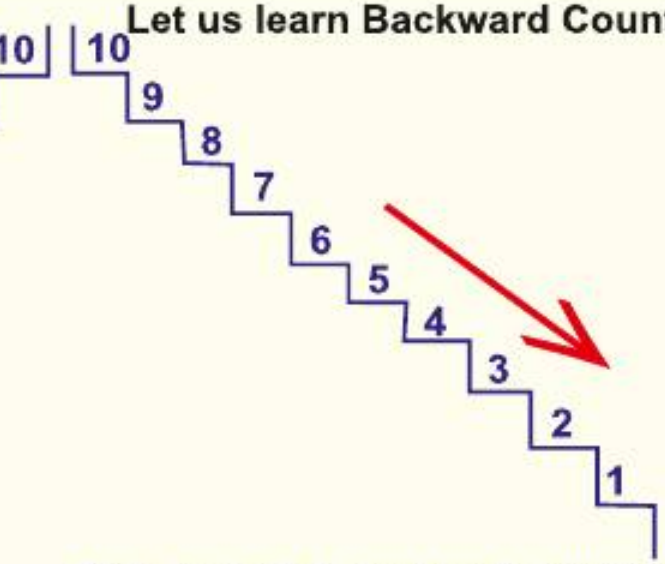
**Date: .....** **Assignment - C.W./H.W.**

**Let us learn Forward Counting**




This is called forward counting. 'Forward Counting means going up from the smaller number to the bigger number'.

**Let us learn Backward Counting**




This is called backward counting. 'Backward Counting means coming down from the bigger number to the smaller number'.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ● | | | | | | | | | |
| 2 | ● | ● | | | | | | | | |
| 3 | ● | ● | ● | | | | | | | |
| 4 | ● | ● | ● | ● | | | | | | |
| 5 | ● | ● | ● | ● | ● | | | | | |
| 6 | ● | ● | ● | ● | ● | ● | | | | |
| 7 | ● | ● | ● | ● | ● | ● | ● | | | |
| 8 | ● | ● | ● | ● | ● | ● | ● | ● | | |
| 9 | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 10 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| 9 | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| 8 | ● | ● | ● | ● | ● | ● | ● | ● | | |
| 7 | ● | ● | ● | ● | ● | ● | ● | | | |
| 6 | ● | ● | ● | ● | ● | ● | | | | |
| 5 | ● | ● | ● | ● | ● | | | | | |
| 4 | ● | ● | ● | ● | | | | | | |
| 3 | ● | ● | ● | | | | | | | |
| 2 | ● | ● | | | | | | | | |
| 1 | ● | | | | | | | | | |

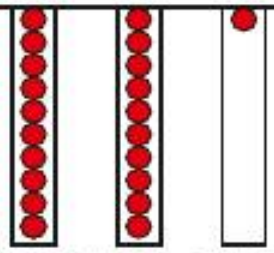
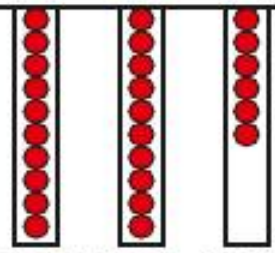
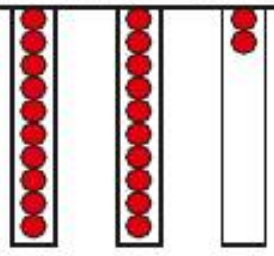
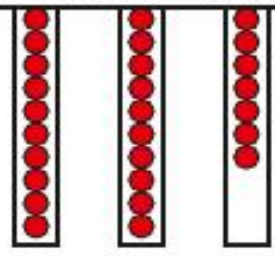
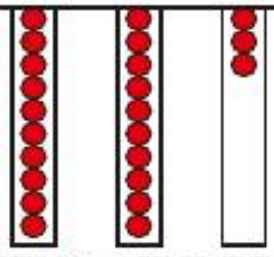
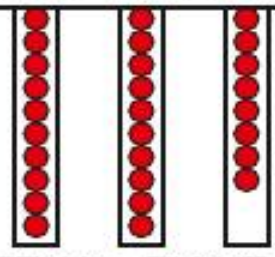
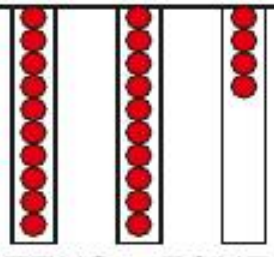
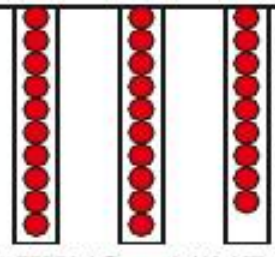
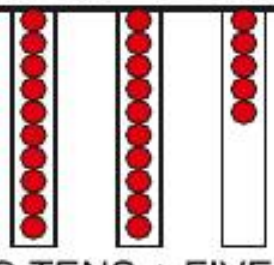
**Teacher's Signature**



# 21 TO 30

**Date: .....** **Assignment - C.W./H.W.**

**Count 21 to 30.**

| | |
|---|---|
| **21** TWENTY-ONE  TWO TENS + ONE = 21 | **26** TWENTY-SIX  TWO TENS + SIX = 26 |
| **22** TWENTY-TWO  TWO TENS + TWO = 22 | **27** TWENTY-SEVEN  TWO TENS + SEVEN = 27 |
| **23** TWENTY-THREE  TWO TENS + THREE = 23 | **28** TWENTY-EIGHT  TWO TENS + EIGHT = 28 |
| **24** TWENTY-FOUR  TWO TENS + FOUR = 24 | **29** TWENTY-NINE  TWO TENS + NINE = 29 |
| **25** TWENTY-FIVE  TWO TENS + FIVE = 25 | **30** THIRTY  THREE TENS = 30 |



# PRACTICE WORK

**Date: .....** **Assignment - C.W./H.W.**

**Write 21 to 30.**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |

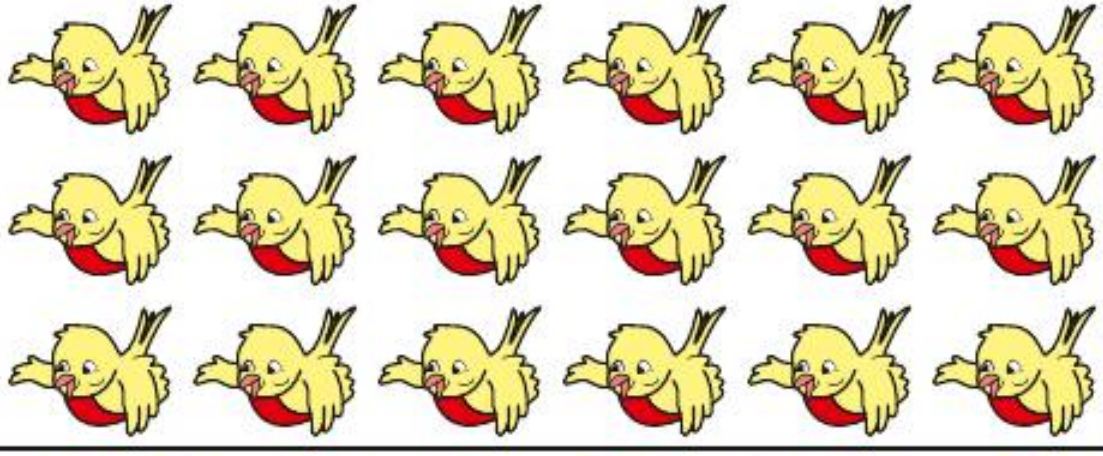
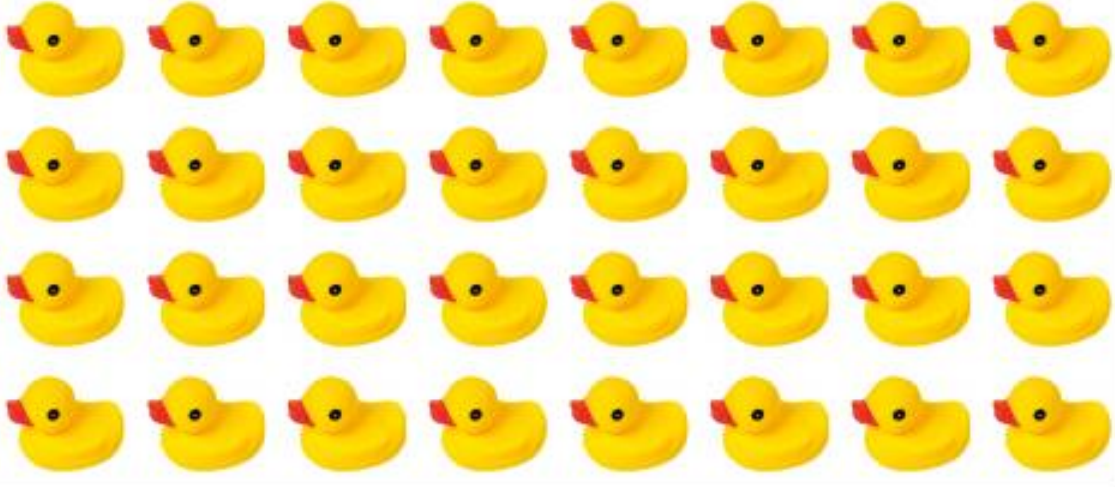
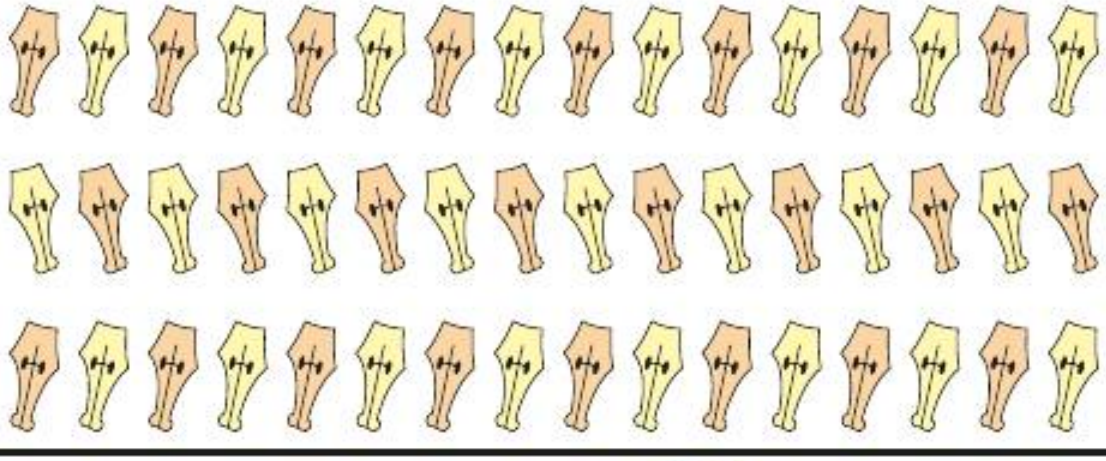


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# ACTIVITY

**Date: .....** **Assignment - C.W./H.W.**

**Count and circle the correct number.**

| | |
|---|---|
|  | 16<br>18<br>14 |
|  | 42<br>30<br>32 |
|  | 46<br>48<br>49 |

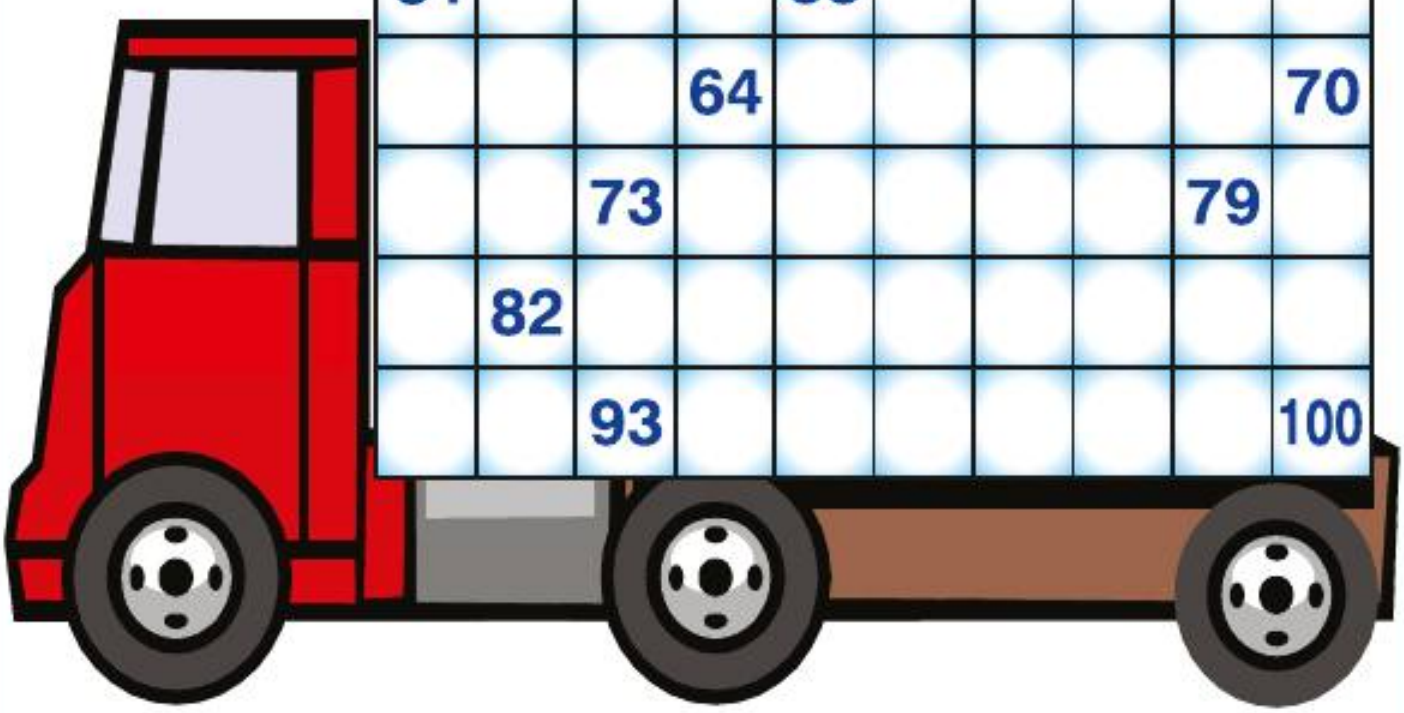


# ACTIVITY

Date: .....  Assignment - C.W./H.W.

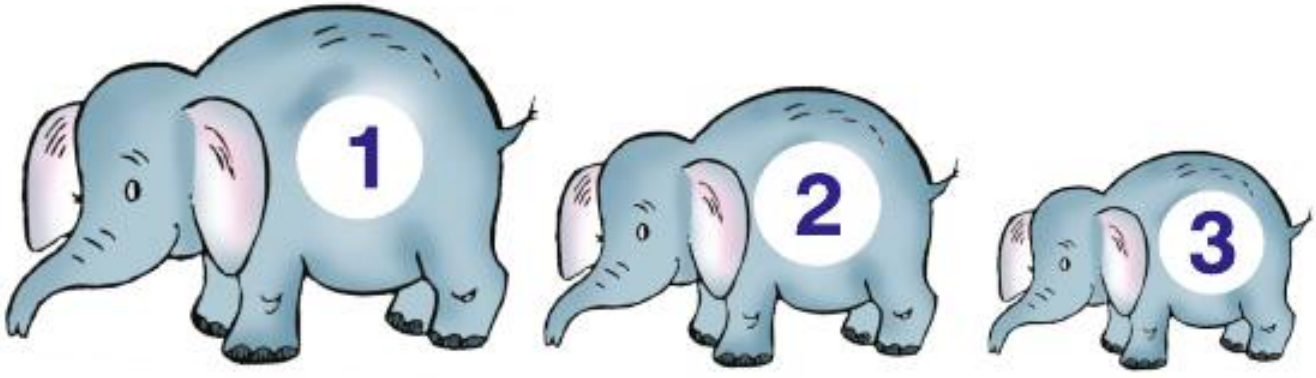
**Fill in the missing numbers.**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 5 | | | | | 10 |
| | | 13 | | | | 17 | | | |
| | 22 | | | | 26 | | | | |
| | | | 34 | | | | 38 | | |
| | 42 | | | | | 47 | | | |
| 51 | | | | 55 | | | | | |
| | | | 64 | | | | | | 70 |
| | | 73 | | | | | | 79 | |
| | 82 | | | | | | | | |
| | | 93 | | | | | | | 100 |



# WHAT COMES BEFORE

Date: .....  Assignment - C.W./H.W.




Jumbo 1 is walking before Jumbo 2 and Jumbo 3




Kevin and Harry are going home. Kevin will reach home before Harry.



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# ACTIVITY

Date: .....  Assignment - C.W./H.W.

**Choose the correct number from the block and write in the space provided.**

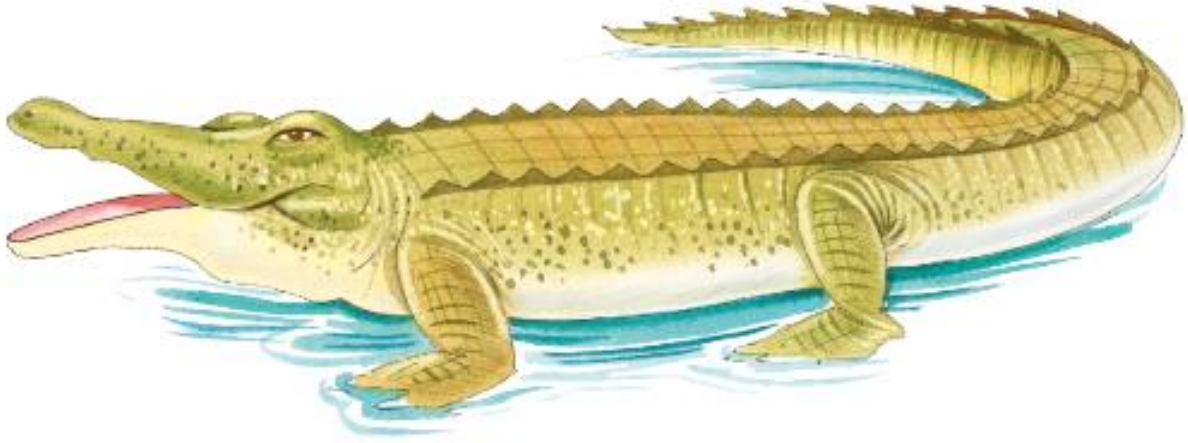
| | | | |
|---|---|---|---|
| ____ 14 | 15 | 13 | 18 |
| ____ 36 | 35 | 25 | 37 |
| ____ 50 | 51 | 54 | 49 |
| ____ 66 | 55 | 65 | 67 |
| ____ 79 | 80 | 78 | 76 |



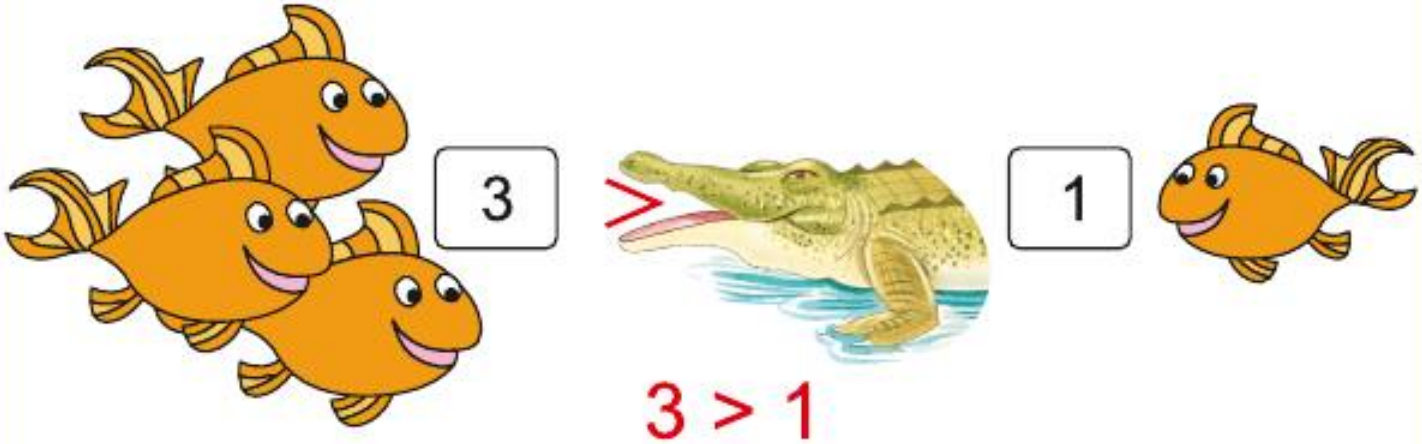
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# GREATER THAN / LESS THAN

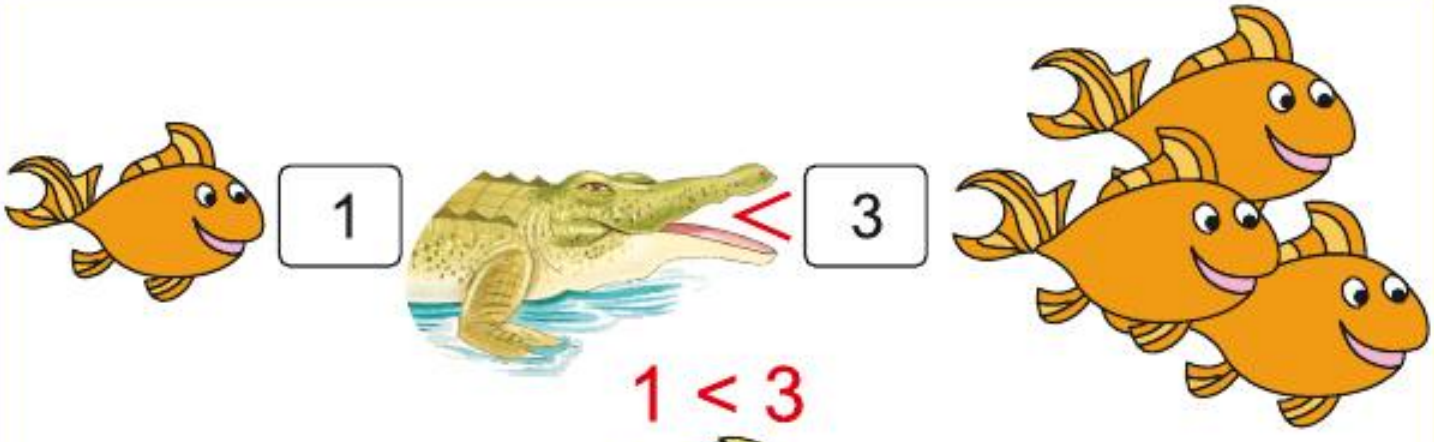
**Date: .....** **Assignment - C.W./H.W.**



**Mr. Croc is always hungry. He loves to eat the bigger things.**




3 > 1




1 < 3



# ACTIVITY

**Date: .....** **Assignment - C.W./H.W.**

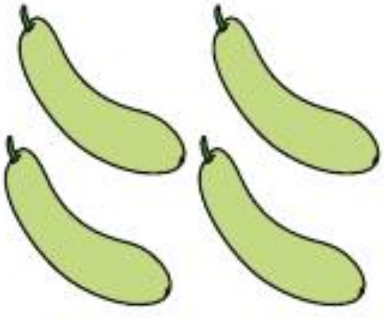
**Count the objects on both sides. Write the number and put the appropriate sign.**

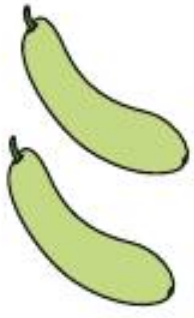
**Eg.**

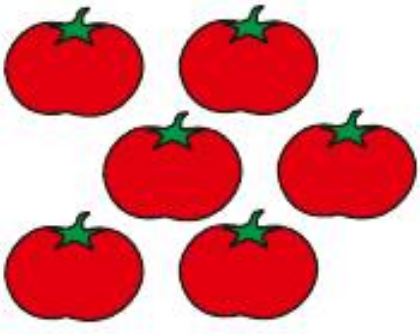


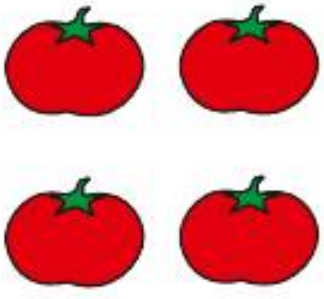
2 > 1

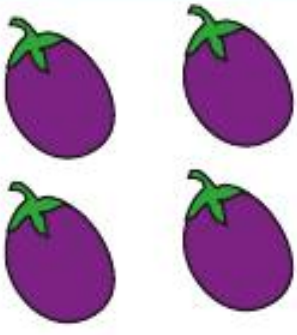










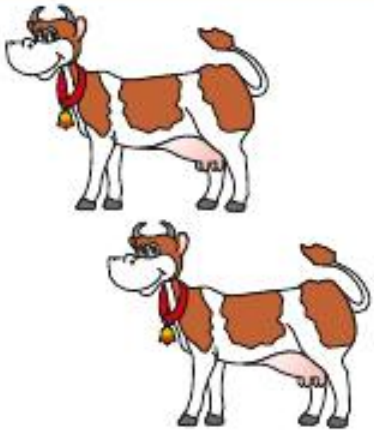
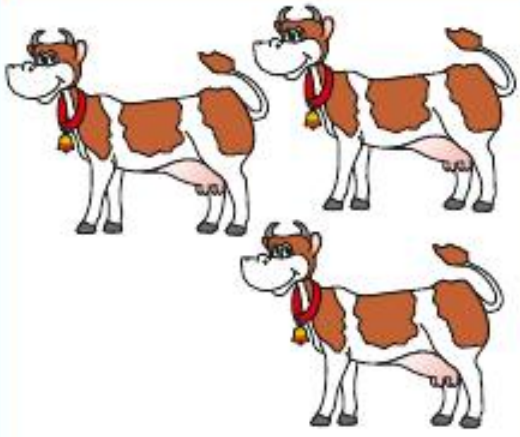
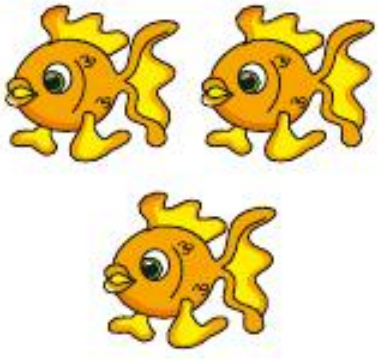
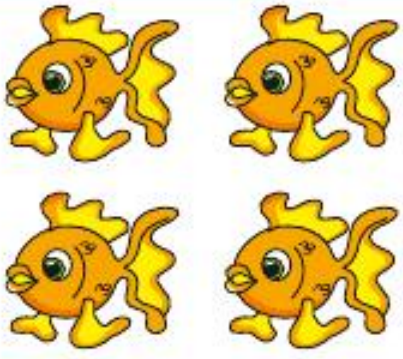
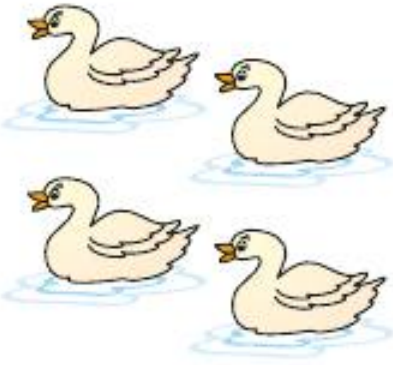






# ADDITION

**Date: .....** **Assignment - C.W./H.W.**

| | | |
|---|---|---|
|  There were 2 cows |  1 more joined them |  Now, there are 3 cows |
|  There were 3 fish |  1 more joined them |  Now, there are 4 fish |
|  There were 4 ducks |  2 more joined them |  Now, there are 6 ducks |

# PRACTICE WORK

Date: .....  Assignment - C.W./H.W.

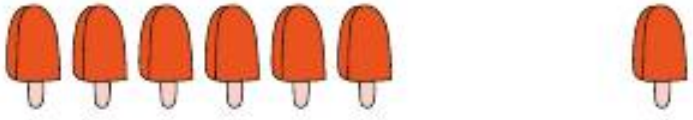
**Count, add and write.**



5 + 5 = 10



2 + 3 = _____



6 + 1 = _____



3 + 5 = _____



4 + 1 = _____



2 + 2 = _____

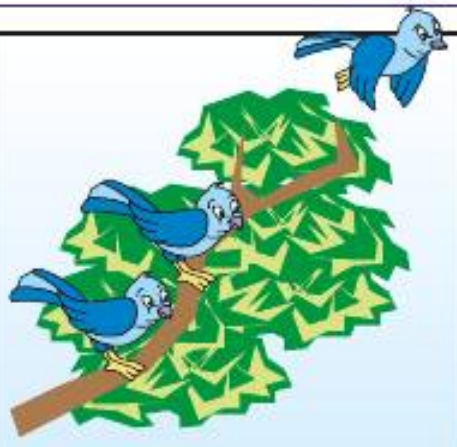


# SUBTRACTION

**Date: .....** **Assignment - C.W./H.W.**



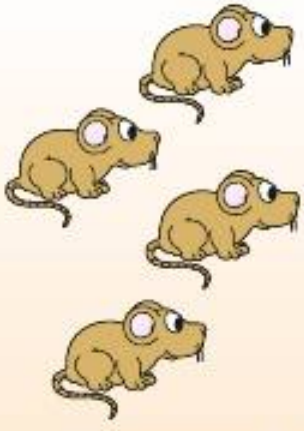
These are 3 birds



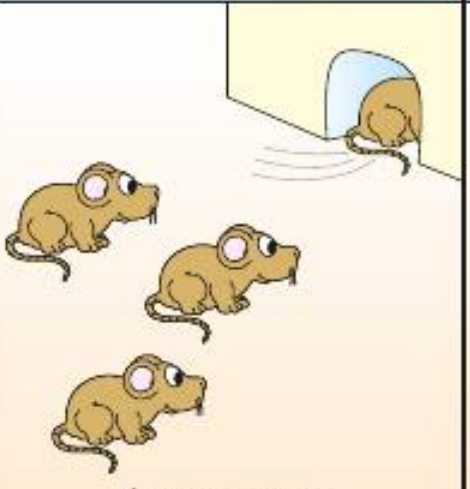
1 flew away



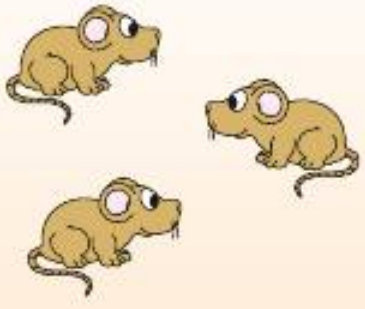
Now, there are 2 birds



These are 4 rats



1 ran away



Now, there are 3 rats



These are 3 boys



1 walked away



Now, there are 2 boys



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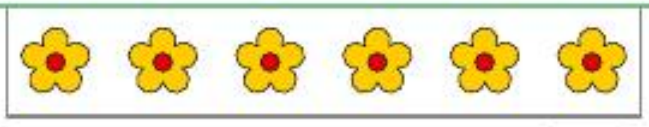
# PRACTICE WORK

Date: ..... Assignment - C.W./H.W.

**Subtract the following.**



5 – 3 = 2



6 – 6 = ☐



9 – 7 = ☐



5 – 2 = ☐



8 – 6 = ☐



7 – 4 = ☐



7 – 1 = ☐



5 – 1 = ☐



9 – 9 = ☐



6 – 3 = ☐



8 – 2 = ☐

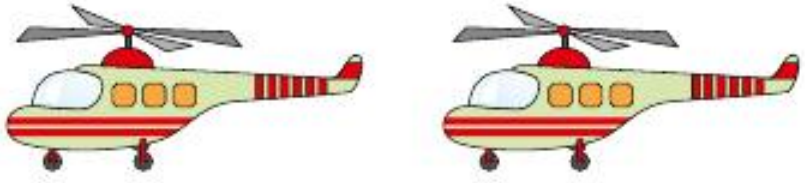
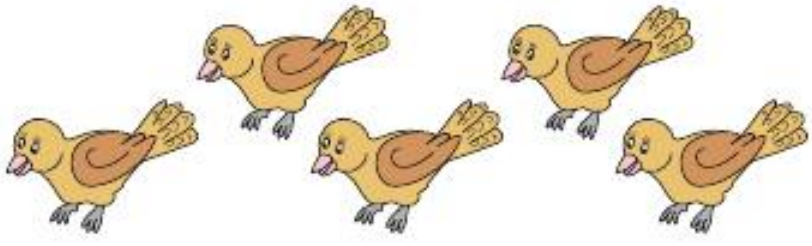


7 – 5 = ☐

# NUMBER NAMES

**Date: .....** **Assignment - C.W./H.W.**

**Let us Learn**

| | |
|---|---|
|  | 1 ONE |
|  | 2 TWO |
|  | 3 THREE |
|  | 4 FOUR |
|  | 5 FIVE |



# ACTIVITY

Date: .....  Assignment - C.W./H.W.

## SOLVE THE PUZZLE

13↓

12→

20→

18↓

19→

15→

11→





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# Time worksheet Day Date Time

*Points to remember :*

There are two hands in a clock. One is longer, the other is shorter.
Long hand shows minutes. Short hand shows hours.
Time in complete hours is shown by shorter hand pointing to a number and the longer hand pointing to 12.


3 o'clock


6 o'clock


9 o'clock

**1.** Fill in the blanks.


___ o'clock


___ o'clock


___ o'clock


___ o'clock


___ o'clock


___ o'clock


___ o'clock


___ o'clock


___ o'clock

Put a ✓ on the expression as per your performance ☺ Good ☹ Bad 😐 Needs improvement

# Indian Currency

## 1. Concept of Money.

Rs. 1 = 100 Paise

100 Paise = 1 Rupee

## 2. Government prints paper notes for different values in rupees. Now coins are available for ₹1, ₹2, ₹5, ₹10 and ₹20.



Rupee.1



Rupees.5




Rupees.20




Rupees.10




Rupees.200




Rupees.50




Rupees.100




Rupees.500