

ROOTS UKG Numeracy
HOME LEARNING
ANSWER KEY

Teacher's Manual

Pg-5

5; 6; 9; 8; 4

Pg-6

Hut-1; Cat-3; Chick-7; Flower- 7; Duck-5; Clouds-7; Eagle-4

Pg-7

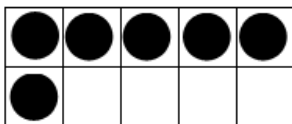
● ● ; 2; two

● ● ● ; 3; three

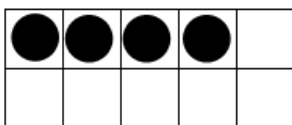
● ● ● ● ; 4; four

● ● ● ● ● ; 5; five

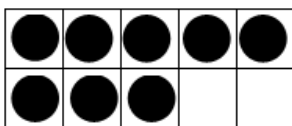
Pg-8



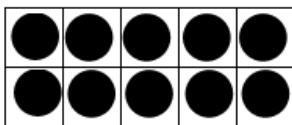
6



4



8



10

Pg-9 and 10

Do it yourself.

Pg-11

one-1; two-2; three-3; four-4; five-5; six-6; seven-7;

eight-8; nine-9; ten-10

Pg-12

Do it yourself.

Pg-13 and 14

A. 1st place-bear; 4th place-monkey; 5th place-lion; 3rd place-elephant

B. Do it yourself- colour based question

Pg-15

Count forward and backward. Fill in the missing numbers.

1;2;3;4;5;6;7;8;9;10

10;9;8;7;6;5;4;3;2;1

Count the ducks and write the number.

5; 6

Pg-16

10;9;8;7;6;5;4;3;2;1

Pg-17

1-d; 2-e; 3-b; 4-a; 5-c

Pg-18

1-c; 2-d; 3-b; 4-a; 5-e

Pg-19 to 23

Do it yourself.

Pg-24

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

Pg-25

ABABAB-Red, Blue, Red, Blue, Red, Blue

ABCABC-Red, Blue, Yellow, Red, Blue, Yellow

ABAB- Green, Pink, Green, Pink, Green, Pink

ABCABC- Green, Pink, Orange, Green, Pink, Orange

Pg-26

1st row is a growing pattern.

2nd row is a shrinking pattern.

Pg-27

Before: 3; 14; 16; 8; 7; 4; 12; 15

Between: 12; 17; 6; 10; 13; 9; 7; 5

After: 18; 14; 19; 20; 11; 3; 16; 15

Pg-28

Before: 6, 7, 8

8,9,10

After: 5, 6, 7

16, 17, 18

Before and after: 3,4,5

4, 5,6

14,15,16

17,18,19

Pg-29

$8 > 3;$ $9 > 8;$ $2 < 4;$ $6 = 6;$

$3 < 5;$ $4 > 2;$ $5 = 5;$ $7 > 4;$

$5 < 7;$ $8 > 6;$ $7 > 4;$ $3 < 5$

5	>	2
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2	>	1
---	---	---

(Connect dots as per term-1 answers)

Pg-30

4	=	4
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7	<	8
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Pg-31

1-f; 2-g; 3-d; 4-c; 5-b; 6-e; 7-a

Pg-32

1-d; 2-c; 3-b; 4-a

Pg-33

3; 4; 6; 5; 6; 7

Pg-34

$6 + 1 = 7$

ASK ME



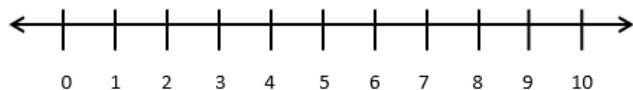
$3 + 2 = 5$



$1 + 5 = 6$



$8 + 2 = 10$



$3 + 6 = 9$



Pg-35

$1 + 0 = 1$

$2 + 2 = 4$

$3 + 4 = 7$

$4 + 5 = 9$

$5 + 3 = 8$

$6 + 2 = 8$

$7 + 3 = 10$

$8 + 3 = 11$

$9 + 1 = 10$

$0 + 10 = 10$

$4 + 2 = 6$

$8 + 1 = 9$

$4 + 5 = 9$

$4 + 3 = 7$

$6 + 2 = 8$

$3 + 6 = 9$

$7 + 1 = 8$

$8 + 0 = 8$

$4 + 6 = 10$

$3 + 5 = 8$

$1 + 3 = 4$

$3 + 0 = 3$

$3 + 1 = 4$

$4 + 4 = 8$

$5 + 4 = 9$

$7 + 2 = 9$

$1 + 8 = 9$

$9 + 0 = 9$

$1 + 1 = 2$

$3 + 3 = 6$

Pg-36

$1 + 0 = 1$

$0 + 5 = 5$

$1 + 4 = 5$

$1 + 2 = 3$

$0 + 5 = 5$

$2 + 6 = 8$

$5 + 5 = 10$

$1 + 7 = 8$

$3 + 6 = 9$

$6 + 2 = 8$

$3 + 0 = 3$

$3 + 7 = 10$

$2 + 8 = 10$

$4 + 2 = 6$

$9 + 0 = 9$

$2 + 5 = 7$

$3 + 3 = 6$

$2 + 7 = 9$

$4 + 5 = 9$

$0 + 4 = 4$

$2 + 2 = 4$

$4 + 4 = 8$

$5 + 3 = 8$

$1 + 6 = 7$

$8 + 1 = 9$

$4 + 6 = 10$

$3 + 2 = 5$

$7 + 0 = 7$

$1 + 5 = 6$

$9 + 1 = 10$

Pg-37

$$1 - 1 = 0; \quad 3 - 2 = 1; \quad 5 - 1 = 4; \quad 4 - 3 = 1;$$

$$10 - 5 = 5; \quad 8 - 4 = 4; \quad 9 - 5 = 4; \quad 10 - 7 = 3;$$

$$7 - 2 = 5; \quad 6 - 3 = 3$$

Pg-38

$$4 - 1 = 3 \quad 3 - 2 = 1 \quad 7 - 3 = 4$$

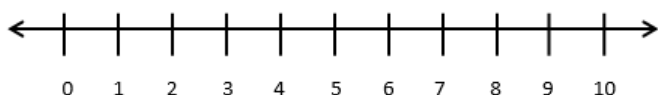
$$8 - 4 = 4 \quad 6 - 4 = 2 \quad 5 - 5 = 0$$

$$2 - 0 = 2 \quad 9 - 6 = 3$$

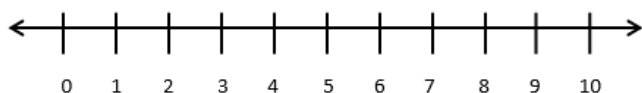
Pg-39

$$3 - 1 = 2$$

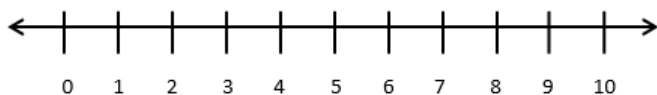
ASK ME



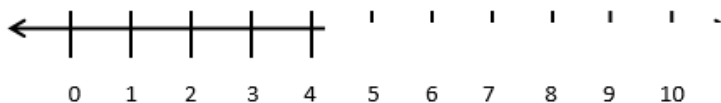
$$9 - 5 = 4$$



$$6 - 4 = 2$$



$$8 - 4 = 4$$



$$5 - 3 = 2$$



Pg-40

$6 - 1 = 5$	$3 - 1 = 2$	$9 - 7 = 2$	$8 - 5 = 3$	$5 - 2 = 3$
$4 - 2 = 2$	$4 - 4 = 0$	$8 - 6 = 2$	$7 - 2 = 5$	$9 - 5 = 4$
$9 - 2 = 7$	$9 - 6 = 3$	$4 - 1 = 3$	$10 - 10 = 0$	$6 - 2 = 4$
$8 - 8 = 0$	$5 - 5 = 0$	$3 - 3 = 0$	$6 - 6 = 0$	$6 - 5 = 1$
$1 - 1 = 0$	$10 - 6 = 4$	$8 - 2 = 6$	$5 - 2 = 3$	$2 - 2 = 0$
$2 - 1 = 1$	$5 - 1 = 4$	$4 - 4 = 0$	$5 - 4 = 1$	$6 - 4 = 2$
$9 - 9 = 0$	$10 - 9 = 1$	$4 - 3 = 1$		

Pg- 41






Row 1: Third cat; Row 2: First cat; Row 3: Second cat

Pg-42

Row 1: Second monkey; Row 2: Third monkey

Row 3: Second and third monkey

Pg-43

	1	2	3	4	5
1					
2					
3					
4					
5					

Pg-44

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				



Pg-45and 46

Do it yourself.

Pg-47

Colour 1 more square.

Colour 2 more squares.

Colour 3 more squares.

Colour 4 more squares.

Colour 5 more squares.

Pg-48

Colour 6 more squares.

Colour 7 more squares.

Colour 8 more squares.

Colour 9 more squares.

Colour 10 more squares.

Pg-49

Bicycle; Bat; Computer; Carrom Board

Pg-50

1-d; 2-c; 3-b; 4-a

Pg-51

3; 6; 9; 12; 15; 18; 21; 24; 27; 30

6; 12; 18; 24; 30; 36; 42; 48; 54; 60

8; 16; 24; 32; 40; 48; 56; 64; 72; 80

Pg-52

Each child gets 5 apples.

Each child gets 4 apples.

Pg-53

8 groups of 8

4 groups of 4

8 groups of 1

9 groups of 2

5 groups of 5

Pg-54

Trace yourself.

Pg-55

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19,

20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30,31, 32, 33, 34, 35,
36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50

Pg-56

1, 2, 3, 4, 5, 6, 7, 8, 9, 10,11, 12, 13, 14, 15, 16, 17, 18, 19,
20,21, 22, 23, 24, 25, 26, 27, 28, 29, 30,31, 32, 33, 34, 35,
36, 37, 38, 39, 40,41, 42, 43, 44, 45, 46, 47, 48, 49, 50,51,
52, 53, 54, 55, 56, 57, 58, 59, 60,61, 62, 63, 64, 65, 66, 67,
68, 69, 70,71, 72, 73, 74, 75, 76, 77, 78, 79, 80,81, 82, 83,
84, 85, 86, 87, 88, 89, 90,91, 92, 93, 94, 95, 96, 97, 98, 99, 10