

02202

GRADE

2

DELUXE EDITION


 INSPIRED BY  
**NCTM**  
 NATIONAL COUNCIL OF  
 TEACHERS OF MATHEMATICS

# MATH BASICS

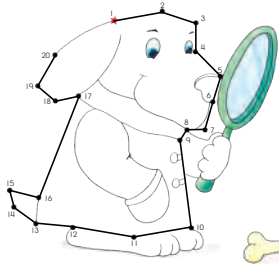

**Skills Include:**

- ★ Addition & Subtraction
- ★ Place Value
- ★ Multiplication
- ★ Regrouping
- ★ And More!

**An I Know It!<sup>®</sup>  
 Book**

# Answer Key

## Page 1



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

## Page 2

1. 5    2. 9    3. 13
4. 10    5. 17    6. 0
7. 5    8. 12    9. 17
10. 1    11. 18    12. 14
13. 5    14. 17    15. 20
16. 8    17. 19    18. 10

## Page 6

1. 12, 12, 7, 5
2. 5, 5
3. 6, 9, 6, 6
4. 12, 12
5. 11, 5, 5, 5
6. 4, 11, 4, 11

## Page 3

1. 8    2. 14    3. 19
4. 10    5. 12    6. 18
7. 13    8. 15    9. 20
10. 7    11. 8    12. 2
13. 11    14. 13    15. 0
16. 9    17. 17    18. 12

## Page 7

1. 9    2. 3    3. 4    4. 4
5. 4    6. 7    7. 5    8. 7
9. 2    10. 8    11. 3    12. 6
13. 3    14. 3    15. 10    16. 10

## Page 4

1. 9    2. 7    3. 8
4. 8    5. 9    6. 10
7. 9    8. 10    9. 10
10. 10;  $3 + 7 = 10$
1. 4    2. 6    3. 2
4. 5    5. 2    6. 6
7. 3    8. 5    9. 5
10. 10;  $10 - 4 = 6$

## Page 5

## Page 8

1.  $5 + 9 = 14$     2.  $9 + 6 = 15$     3.  $7 + 6 = 13$
- $9 + 5 = 14$      $6 + 9 = 15$      $6 + 7 = 13$
- $14 - 5 = 9$      $15 - 6 = 9$      $13 - 6 = 7$
- $14 - 9 = 5$      $15 - 9 = 6$      $13 - 7 = 6$
4.  $8 + 9 = 17$     5.  $8 + 6 = 14$     6.  $7 + 9 = 16$
- $9 + 8 = 17$      $6 + 8 = 14$      $9 + 7 = 16$
- $17 - 8 = 9$      $14 - 6 = 8$      $16 - 7 = 9$
- $17 - 9 = 8$      $14 - 8 = 6$      $16 - 9 = 7$

## Page 9

1. 4, 4    2. 6, 6    3. 9, 3
4. 6, 7    5. 7, 8    6. 9, 9
7. 7, 7    8. 7, 7    9. 9, 6
10. 6, 6    11. 9, 8    12. 5, 8

## Page 10

- 13, 12, 7  
8, 13, 9  
12, 9, 9  
8, 14, 15  
16, 17, 5  
SECRETARY  
BIRD

## Page 11

Set A has more correct answers.

- Set A  
15, 12  
6, ~~8~~ (9)  
~~14~~ (15), 13  
9, ~~8~~ (9)

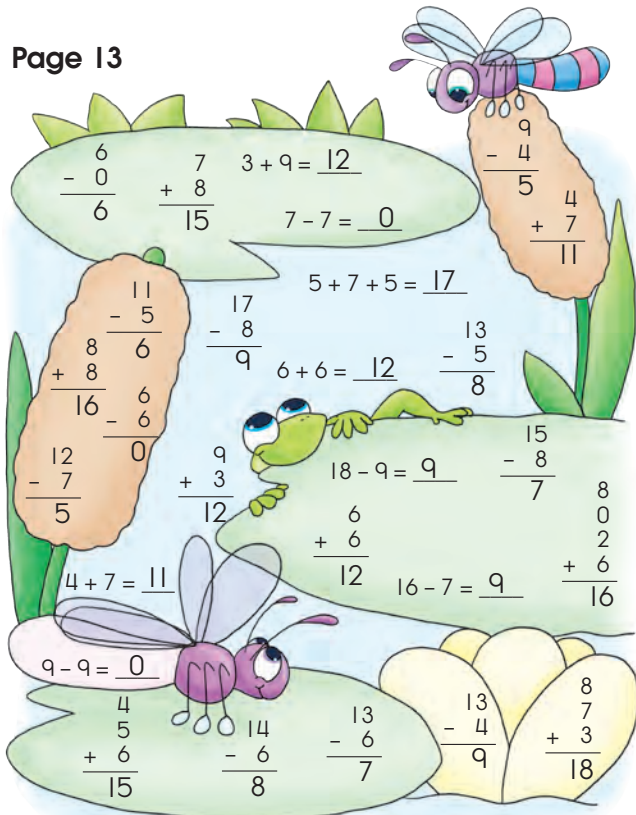
- Set B  
13, ~~14~~ (16)  
~~6~~ (7), 8  
12, ~~13~~ (14)  
~~7~~ (8), 9

## Page 12

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



## Page 13



## Page 14

1. 3 2, 3 2, 32
2. 2 9, 2 9, 29
3. 8 7, 8 7, 87
4. 4 0, 4 0, 40
5. 9 4, 9 4, 94

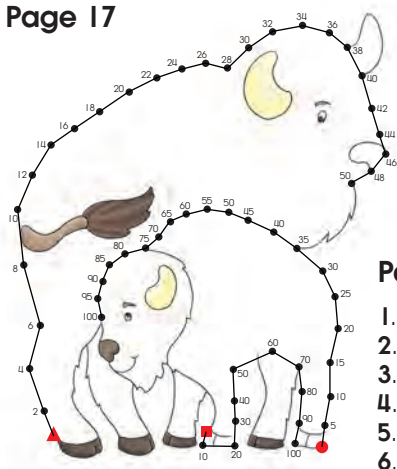
## Page 15

1. 3 2, 32
2. 2 9, 29
3. 1 6, 16
4. 4 0, 40
5. 7 3, 73

## Page 16

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	100

**Page 17**



**Page 18**

1. 33   2. 39   3. 93
4. 70   5. 27   6. 51
7. 28   8. 62   9. 77
10. 41   11. 48   12. 70
13. 47   14. 83   15. 30
16. 68   17. 100   18. 39

**Page 19**

1. 68   2. 84   3. 93
4. 70   5. 62   6. 88
7. 40   8. 90   9. 62
10. 77   11. 18   12. 20
13. 65   14. 43   15. 63
16. 91   17. 69   18. 28

**Page 20**

1. 23, 25, 27, 29
2. 62, 64, 65, 67, 68, 70
3. 81, 83, 85, 87, 89
4. 37, 39, 41, 42, 44
5. 57, 60, 62, 63, 65
6. 88, 90, 91, 93, 94, 96
7. 42, 40, 38, 37, 35
8. 74, 72, 70, 69, 67, 66

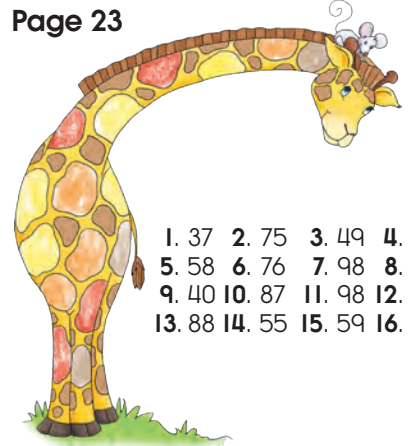
**Page 21**

1. 10, 12, 15
2. 36, 45, 49
3. 19, 25, 81
4. 18, 24, 36
5. 29, 41, 57
6. 30, 55, 72
7. 26, 56, 66
8. 72, 78, 87

**Page 22**

	1. 1	2. 9	3. 4	4. 6	
5. 4		6. 3	7. 8	8. 5	9. 7
10. 3	11. 9	12. 7	13. 9		9
	14. 4	15. 9	16. 2	17. 8	
18. 5		19. 2	20. 9	21. 3	22. 6
23. 8	24. 8		25. 4	26. 9	
	9		8		

**Page 23**



1. 37   2. 75   3. 49   4. 70
5. 58   6. 76   7. 98   8. 89
9. 40   10. 87   11. 98   12. 69
13. 88   14. 55   15. 59   16. 97

**Page 24**

1. 2 tens 17 ones  
2 tens (1 ten 7 ones)  
→ 3 tens 7 ones = 37
2. 6 tens 5 ones = 65
3. 8 tens 1 one = 81
4. 4 tens 9 ones = 49
5. 2 tens 6 ones = 26
6. 8 tens 0 ones = 80
7. 5 tens 9 ones = 59

**Page 25**

1. 52   2. 35   3. 82   4. 60
5. 60   6. 86   7. 61   8. 93
9. 50   10. 71   11. 91   12. 92

**Page 27**

1. 32   2. 51   3. 61   4. 50
5. 43   6. 26   7. 93   8. 73
9. 84   10. 22   11. 67   12. 53

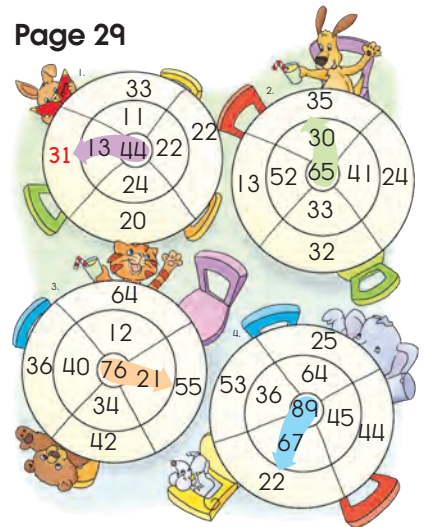
**Page 26**

1. 6	2. 4		3. 7	4. 8
5. 9	7		6. 8	4
7. 5	8. 9		9. 7	10. 3
11. 4	1		12. 3	8

**Page 28**

1. 33
2. 23
3. 50
4. 6
5. 51
6. 21

**Page 29**



**Page 30**

1. 53 = 5 tens 3 ones  
4 tens 13 ones
2. 46 = 4 tens 6 ones  
3 tens 16 ones
3. 81 = 8 tens 1 one  
7 tens 11 ones
4. 39 = 3 tens 9 ones  
2 tens 19 ones
5. 92 = 9 tens 2 ones  
8 tens 12 ones
6. 13 = 1 ten 3 ones  
0 tens 13 ones
7. 60 = 6 tens  
5 tens 10 ones

**Page 31**

1. 24   2. 56   3. 46   4. 11
5. 25   6. 28   7. 40   8. 39
9. 29   10. 64   11. 28   12. 18

**Page 32**

1. 2	2. 4		
3. 5	5		
		4. 4	5. 7
		6. 1	6
7. 3	8. 5		
9. 2	3		
		10. 6	11. 3
		12. 3	9

**Page 33**

- 72, 67, 77, 81  
64, 55, 19, 78  
88, 55, 78, 53  
19, 19, 66, 97  
AFRICAN ELEPHANT

**Page 34**

1. 4 hundreds = 400
2. 6 hundreds = 600
3. 8 hundreds = 800
4. 5 hundreds = 500

**Page 35**

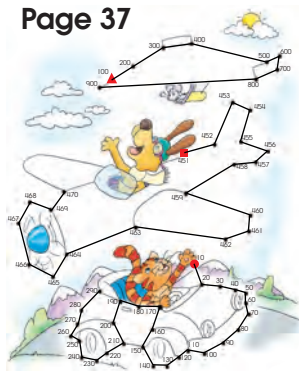
- 100  
200  
300  
400  
500  
600  
700  
800  
900
- 
- 300, 500, 700, 900  
200, 400, 500, 700, 800

# Answer Key

## Page 36

- 3 hundreds 7 tens 4 ones  
374
- 2 hundreds 5 tens 9 ones  
259
- 4 hundreds 5 tens 0 ones  
450
- 6 hundreds 0 tens 5 ones  
605

## Page 37



## Page 38

- 422
- 280
- 800
- 512
- 180
- 966
- 324
- 678
- 700
- 555
- 90
- 944

## Page 39

- 324
- 289
- 333
- 825
- 400
- 899
- 215

## Page 40

- 344
- 110
- 164
- 241
- 135
- 651
- 800
- 728
- 412
- 180
- 717
- 390
- 613
- 499
- 317
- 300
- 206
- 600

## Page 41

- 368
- 700
- 640
- 770
- 765
- 391
- 584
- 262
- 910
- 418
- 943
- 609
- 903
- 878
- 565
- 532
- 639
- 728

## Page 42

- 117
- 109
- 132
- 121
- 107
- 110
- 100
- 150
- 136
- 176
- 110
- 91
- 98
- 121
- 132
- 120

## Page 43

- 68
- 59
- 99
- 168
- 88
- 146
- 119
- 120
- 149
- 84
- 220
- 160
- 104
- 294
- 123
- 404

## Page 44

- 783
- 494
- 483
- 521
- 838
- 881
- 862
- 610
- 659
- 715
- 800
- 801
- 579
- 568
- 786
- 801

## Page 45

- 198
- 451
- 532
- 595
- 267
- 117
- 172
- 485
- 884
- 362
- 775
- 481
- 246
- 264
- 375
- 683

## Page 46

- 623
- 43
- 526
- 312
- 535
- 222

## Page 47

- 124
- 350
- 458
- 723
- 801
- 330
- 431
- 117
- 412
- 61
- 207
- 148
- 321
- 504
- 623
- 412

## Page 48

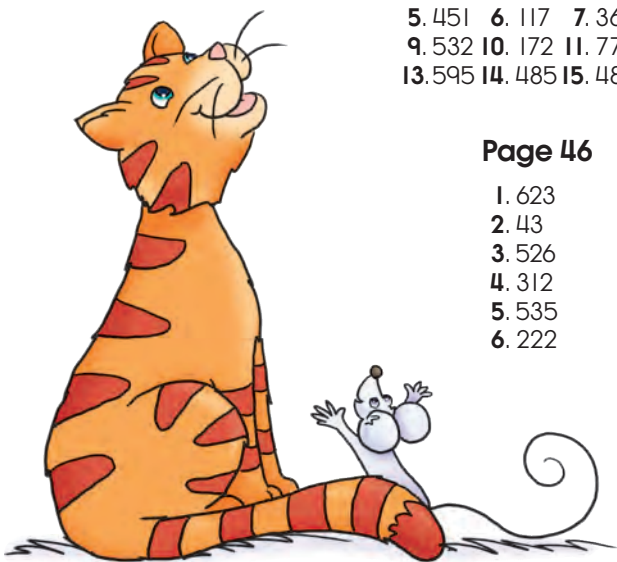
- $4 + 4 = 8$   
 2 groups of 4 = 8  
 $2 \times 4 = 8$
- $2 + 2 + 2 = 6$   
 3 groups of 2 = 6  
 $3 \times 2 = 6$
- $5 + 5 + 5 = 15$   
 3 groups of 5 = 15  
 $3 \times 5 = 15$
- $1 + 1 + 1 = 3$   
 3 groups of 1 = 3  
 $3 \times 1 = 3$

## Page 49

- $8, 4 \times 2 = 8$
- $12, 4 \times 3 = 12$
- $20, 4 \times 5 = 20$
- $12, 3 \times 4 = 12$
- $5, 5 \times 1 = 5$
- $15, 3 \times 5 = 15$
- $9, 3 \times 3 = 9$
- $16, 4 \times 4 = 16$

## Page 50

- 4  
2  
8  
 $4 \times 2 = 8$
- 3  
5  
15  
 $3 \times 5 = 15$



### Page 51

- 3 groups  
3 in each group  
9  
 $3 \times 3 = 9$
- 1 group  
4 in the group  
4  
 $1 \times 4 = 4$
- 2 groups  
2 in each group  
4  
 $2 \times 2 = 4$
- 4 groups  
2 in each group  
8  
 $4 \times 2 = 8$

### Page 52

- 3 groups  
5 in each group  
15  
 $3 \times 5 = 15$
- 4 groups  
4 in each group  
16  
 $4 \times 4 = 16$
- 2 groups  
5 in each group  
10  
 $2 \times 5 = 10$
- 2 groups  
4 in each group  
8  
 $2 \times 4 = 8$

5. 2 groups of 3 eggs



$$2 \times 3 = 6$$

6. 3 groups of 3 snakes



$$3 \times 3 = 9$$

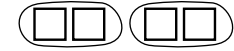
### Page 53

- $3 \times 2 = 6$
- $3 \times 3 = 9$
- $2 \times 4 = 8$
- $2 \times 5 = 10$
- 2 groups of 5 circles



$$2 \times 5 = 10$$

6. 4 groups of 2 squares



$$4 \times 2 = 8$$

### Page 54

- 6
2. 9
3. 15
4. 4
5. 8
6. 12
7. 3
8. 10
9. 0
10. 6
11. 2
12. 0

x	0	1	2	3	4	5
2	0	2	4	6	8	10
3	0	3	6	9	12	15

Pattern:

Each column goes up by the row number.

### Page 55

- 8
2. 5
3. 15
4. 12
5. 16
6. 0
7. 4
8. 10
9. 20
10. 20
11. 0
12. 25

x	0	1	2	3	4	5
2	0	2	4	6	8	10
3	0	3	6	9	12	15
4	0	4	8	12	16	20
5	0	5	10	15	20	25

Pattern:

Each column goes up by the row number.

### Page 56

- 9, 10, 12, 13, 15, 17
- 44, 46, 48, 50, 51
- 176, 177, 179, 180, 182, 183
- 605, 606, 608, 610, 611, 613
- 20
6. 56
7. 399
8. 98
9. 900
10. 554
11. 17
12. 40
13. 100
14. 139
15. 500
16. 889

### Page 57

17. 20
18. 67
19. 49
20. 100
21. 310
22. 800
23. 81
24. 60
25. 75
26. 183
27. 440
28. 693
29. 26
30. 70
31. 145
32. 327
33. 606
34. 556
35. 345
36. 534

### Page 58

- $4 + 9 = 13$
- $5 + 7 = 12$
- $7 + 9 = 16$
- $9 + 4 = 13$
- $7 + 5 = 12$
- $9 + 7 = 16$
- $13 - 4 = 9$
- $12 - 5 = 7$
- $16 - 7 = 9$
- $13 - 9 = 4$
- $12 - 7 = 5$
- $16 - 9 = 7$
4. 77
5. 81
6. 66
7. 154
8. 103
9. 129
10. 558
11. 739
12. 399
13. 470
14. 716
15. 690

### Page 59

16. 43
17. 36
18. 45
19. 38
20. 40
21. 4
22. 224
23. 333
24. 433
25. 426
26. 164
27. 19
28. 99
29. 41
30. 63
31. 299
32. 117
33. 302
34. 742
35. 168
36. 12
37. 10
38. 4
39. 5
40. 20
41. 0







**Award**  
**Great Job!**

\_\_\_\_\_

Name

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