

# Contents

## Section I

Overview	
1. Addition and Subtraction to 20 .....	6
2. 2-Digit Numbers .....	8
3. Addition to 100.....	12
4. Subtraction to 100 .....	16
5. Shapes .....	20
Midway Review.....	22
6. More about Addition and Subtraction.....	26
7. Measurement.....	30
8. Money.....	32
9. Pictographs.....	36
10. Probability.....	40
Final Review.....	42

## Section II

Overview	
1. Addition and Subtraction Facts to 20 .....	48
2. More about Addition Facts.....	52
3. Relating Subtraction to Addition .....	56
4. Adding and Subtracting Using Counting .....	60
5. Adding without Regrouping I .....	64
6. Adding without Regrouping II.....	68
7. Adding with Regrouping I.....	72
8. Adding with Regrouping II.....	76
Midway Review.....	80
9. Subtracting without Regrouping I .....	84
10. Subtracting without Regrouping II.....	88
11. Subtracting with Regrouping I .....	92
12. Subtracting with Regrouping II .....	96
13. Estimating Sums and Differences .....	100
14. Checking Subtraction by Using Addition .....	104
15. More Addition and Subtraction .....	108
16. Addition and Subtraction with Money .....	112
Final Review.....	116

## Section III

Overview	
1. 3-Digit Numbers .....	122

2.	Addition and Subtraction .....	126
3.	Multiplication.....	132
4.	Length.....	138
5.	Time and Temperature .....	140
6.	Money.....	146
7.	Lines.....	150
8.	2-D Figures.....	152
9.	Pictographs.....	156
	Midway Review.....	158
10.	4-Digit Numbers .....	164
11.	More about Addition and Subtraction.....	166
12.	Division .....	170
13.	Weight .....	174
14.	Angles.....	176
15.	Solids .....	178
16.	Block Graphs.....	180
17.	Fractions and Decimals .....	182
18.	Transformations.....	184
	Final Review.....	186

**Section IV**

	Overview	
1.	3-Digit Numbers .....	194
2.	Addition and Subtraction.....	196
3.	Multiplication.....	200
4.	Money.....	204
5.	Pictographs.....	208
6.	More about Addition and Subtraction.....	212
	Midway Review.....	216
7.	4-Digit Numbers .....	220
8.	Division .....	224
9.	Measurement.....	228
10.	More about Multiplication and Division .....	230
11.	Bar Graphs .....	234
12.	Probability.....	238
	Final Review.....	240

<b>Parents' Guide</b> .....	245
-----------------------------	-----

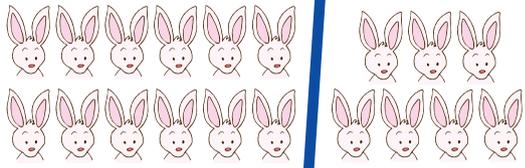
<b>Answers</b> .....	249
----------------------	-----

# 1

## Addition and Subtraction to 20

Use the fact families to fill in the missing numbers.

①

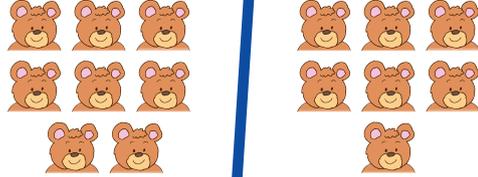


a.  $12 + 7 = \underline{\quad}$

b.  $\underline{\quad} - 7 = 12$

c.  $\underline{\quad} - 12 = 7$

②

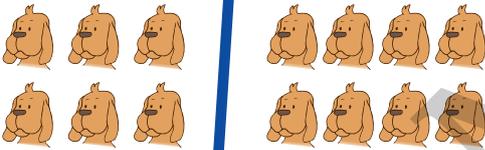


a.  $8 + 7 = \underline{\quad}$

b.  $\underline{\quad} - 8 = 7$

c.  $\underline{\quad} - 7 = 8$

③

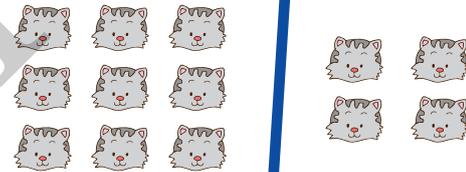


a.  $6 + 8 = \underline{\quad}$

b.  $14 - \underline{\quad} = 6$

c.  $\underline{\quad} - 6 = 8$

④



a.  $9 + 4 = \underline{\quad}$

b.  $\underline{\quad} - 4 = 9$

c.  $13 - \underline{\quad} = 4$

⑤

a.  $12 + 8 = \underline{\quad}$

b.  $\underline{\quad} - 8 = 12$

⑥

a.  $7 + 9 = \underline{\quad}$

b.  $16 - \underline{\quad} = 9$

⑦

a.  $8 + 9 = \underline{\quad}$

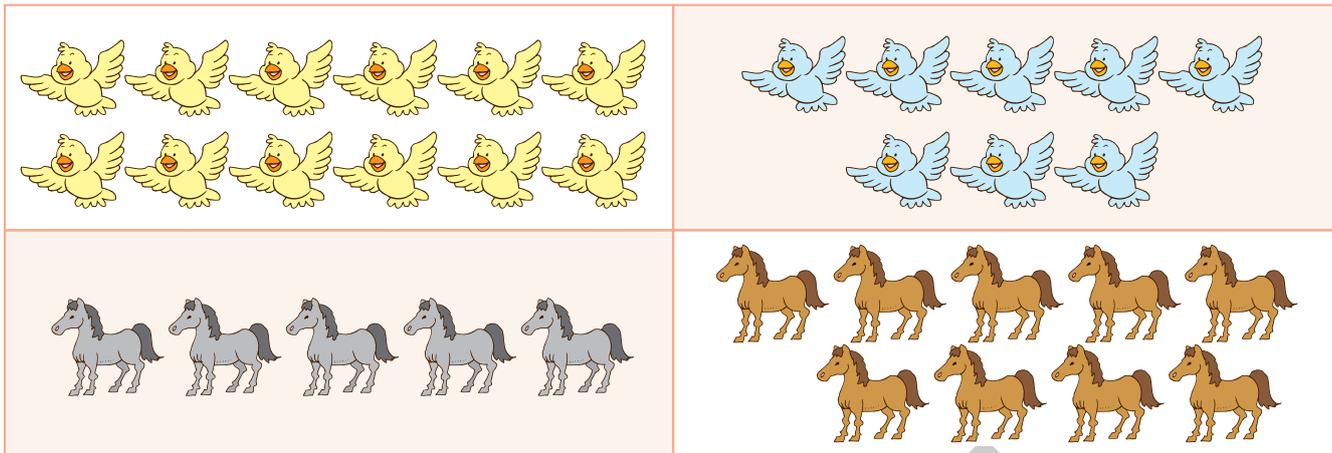
b.  $\underline{\quad} - 8 = 9$

⑧

a.  $11 + 8 = \underline{\quad}$

b.  $19 - \underline{\quad} = 8$

Look at the pictures. Then answer the questions.



⑨ How many  are there? \_\_\_\_\_



⑩ How many  are there? \_\_\_\_\_



⑪ How many  are there? \_\_\_\_\_



⑫ How many  are there? \_\_\_\_\_



⑬ How many birds are there?

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ birds

⑭ How many more  than  are there?

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ more

⑮ How many horses are there?

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ horses

⑯ How many more  than  are there?

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ more

⑰ How many animals are brown?

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ animals

# 2

## 2-Digit Numbers

Fill in the missing numbers.

①

38

39

42

45

②

29

27

24

22

③

57

54

53

51

Put the numbers in order from greatest to least.

④

42

23

54

37

: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

⑤

25

11

64

50

: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

⑥

30

47

81

90

: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Help the bird count by 4's to get to the nest. Color its path.

⑦



4	8	12	18	24	30	38
6	10	16	20	22	36	40
12	20	22	24	36	40	44
16	14	24	28	32	42	48



**Fill in the missing numbers in the patterns. Then circle the correct words and write the numbers.**

⑧ 12, 14, 16, 18, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Pattern: **increase** / **decrease** by \_\_\_\_\_

⑨ 55, 50, 45, 40, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Pattern: **increase** / **decrease** by \_\_\_\_\_

⑩ 20, 30, 40, 50, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

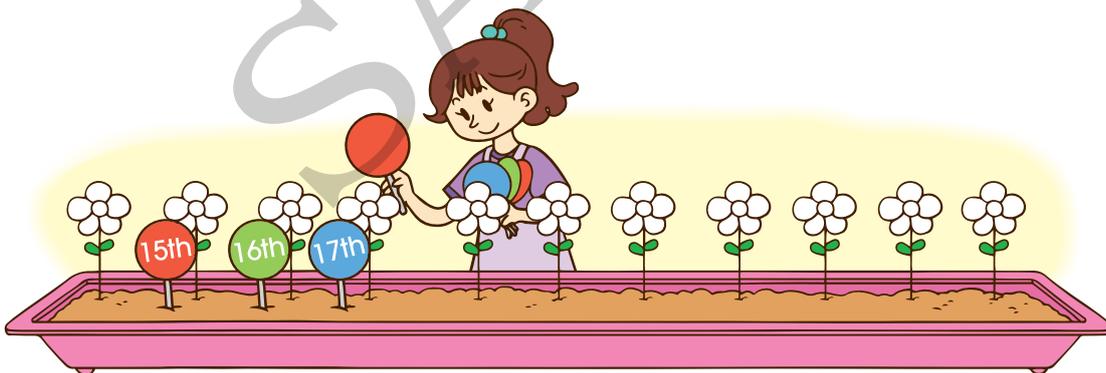
Pattern: **increase** / **decrease** by \_\_\_\_\_

⑪ 85, 84, 83, 82, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Pattern: **increase** / **decrease** by \_\_\_\_\_

**Color the flowers. Then answer the questions.**

⑫ Color the 19th  blue and the 21st  yellow.



⑬ How many  are there from the 15th to the 20th? \_\_\_\_\_ 

⑭ How many  are there in all? \_\_\_\_\_ 

⑮ How many more  must Sally plant so that there are 29  in all? \_\_\_\_\_ more