

CBSE Class 3 Mathematics
NCERT Solutions
Chapter 3
GIVE AND TAKE

PAGE 29

1. A jump from 2 to 12 is taking ____ steps.

Ans. 10 steps.

2. How will I go from 22 to 41? Jump from 22 to 42. Then one, step left. We can write it like this. $22 + 20 = 42$, $42 - 1 = 41$. How many steps did I go in all?

Ans. 3 steps.

3. Try these on Kittu's home:

(a) 10 less than 34 is 24.

Ans. 24.

(b) $53 - 20 =$ ____

Ans. $53 - 20 = 33$.

(c) 11 more than 31 is ____.

Ans. 42.

(d) 11 less than 66 is ____.

Ans. 55.

(e) $62 + 13 =$ ____.

Ans. 75.

(f) 23 less than 89 is ____.

Ans. 23 less than 89 is 66.

(g) 10 and 40 more than is ____.

Ans. 10 more than 40 is 50.

PAGE 31

(h) 9 added to 28 gives ____.

Ans. 37.

(i) The sum of 9 and 44 is ____.

Ans. The sum of 9 and 44 is 53.

(j) Reducing 98 by 34 gives ____.

Ans. 64.

(k) 4 and 37 more is ____.

Ans. 4 and 37 more is 41.

(l) Take 35 away from 83. We get ____.

Ans. We get 48.

PAGE 32

4. Add the numbers:

(a) $37 + 9 =$ _____

Ans. 46.

(b) $65 - 30 =$ _____

Ans. 35.

(c) ____ = 46 + 21

Ans. 67.

(d) ____ = 87 - 30

Ans. 57

(e) 66 - ____ = 11

Ans. 55.

(f) 36 = ____ + 9

Ans. 27.

(g) 45 + ____ = 99

Ans. 54.

(h) 40 + ____ = 76

Ans. 36.

(i) ____ + 26 = 75

Ans. 49.

(j) 98 = ____ + 50

Ans. 48.

(k) ____ - 21 = 35

Ans. 14.

(l) 57 - ____ = 20

Ans. 37.

PAGE 34

5. Can you do it another way? Show how.

(a) $37 + 21 = 30 + 7 + 20 + 1$

Ans. $37 + 21 = 30 + 7 + 20 + 1$

$$= 50 + 7 + 1$$

$$= 50 + 8 = 58$$

(b) $73 + 24 = 70 + 3 + 20 + 4$

Ans. $73 + 24 = 70 + 3 + 20 + 4$

$$= 90 + 3 + 4$$

$$= 90 + 7 = 97$$

(c) $56 + 21 = 50 + 6 + 20 + 1$

Ans. $56 + 21 = 50 + 6 + 20 + 1$

$$= 70 + 6 + 1$$

$$= 70 + 7 = 77$$

6. Now work out the steps in your mind. Write the answers directly in the boxes.

(a) $33 + 42 = \underline{\hspace{2cm}}$

Ans. 75.

(b) $\underline{\hspace{2cm}} = 33 + 27$

Ans. 60.

(c) $55 + 25 = \underline{\hspace{2cm}}$

Ans. 80.

(d) $19 + 61 = \underline{\hspace{2cm}}$

Ans. 80.

(e) $\underline{\quad} = 34 + 63.$

Ans. 97.

(f) $67 + 25 = \underline{\quad}$

Ans. 92.

(g) $\underline{\quad} = 48 + 42$

Ans. 90

(h) $\underline{\quad} = 53 + 64$

Ans. 117.

(i) $72 + 56 = \underline{\quad}$

Ans. 128.

PAGE 40

7. A Shopkeeper Rafi had 153 candles. Paras gave him 237 more candles. How many candles does Rafi have now?

Ans.

	100	10	1
	2	3	7
+	1	5	3
Sum	3	9	0

8. Work out the following story problems in the same way. Read each problem and say it in your word. Guess the answer before writing it.

(a) A train compartment is carrying 132 people. Another compartment is carrying 129 people. In all, how many people are there in both the compartments.

Ans.

	100	10	1
People in compartment	1	3	2
People in other compartment +	1	2	9
Sum	2	6	1

PAGE 41

(b) Shannu found 138 pebbles. Karim found 44 pebbles. How many pebbles did they find in all?

Ans.

	100	10	1
	1	3	8
+		4	4

	1	8	2
--	---	---	---

(c) A teacher kept a note of which fruits students like in her school. This is what she found:

Students	Oranges	Mangoes	Total
Girls	136	240	
Boys	128	243	
Total			

(i) How many students in the school like oranges?

Ans.

Students	Oranges	Mangoes	Total
Girls	136	240	376
Boys	128	243	371
Total	264	483	747

Number of students who like oranges = $136 + 128 = 264$.

(ii) How many students in the school like mangoes?

Ans. Number of students in the school like mangoes = $240 + 243 = 483$.

(iii) Altogether, how many students are there in the school?

Ans. Total number of students = $376 + 371 = 747$.

(iv) Is the number of girls more than 350 or less than 350?

Ans. Number of girls is more than 350. It is 376.

PAGE 42

9. Practice Time:

(a)

3	4	5
+	5	2

Ans.

3	4	5
+	5	2
3	9	7

(b)

--	--	--

4	9	2
+	2	9

Ans.

4	9	2
+	2	9
5	2	1

(c)

2	4	5
+	9	3

Ans.

2	4	5
+	9	3

3	3	8
---	---	---

(d)

6	4	3
+ 3	4	5

Ans.

6	4	3
+ 3	4	5
9	8	8

(e)

7	5	0
+ 2	1	9

Ans.

7	5	0
+ 2	1	9
9	6	9

(f)

	3	1	9
+	8	2	3

Ans.

	3	1	9
+	8	2	3
1	1	4	2

(g)

	8	0	4

+	4	0	6

Ans.

	8	0	4
+	4	0	6
1	2	1	0

(h)

	3	6	3
+	4	5	6

Ans.

	3	6	3
+	4	5	6
	8	1	9

(i)

	3	6	3
+	4	5	6

Ans.

	3	6	3
+	4	5	6
	6	7	5

(j)

	6	8	4
+	2	3	2

Ans.

	6	8	4
--	---	---	---

+	2	3	2
	9	1	6

PAGE 43

10. Work out for different ways to write the numbers.

(a)

78
+
+
30 +
+

Ans.

Add all the numbers in the first.

78
70 + 8
50+28

$30+48$

$78+0$

(b)

83

+

+43

+

+

Ans.

83

$80+3$

$40+43$

$50+43$

$83+0$

(c)

--

99
+
+39
+
+

Ans.

99
90+9
60+39
50+49
99+0

(d)

102
+
+

+
+50

Ans.

102
100+2
90+12
80+22
52+50

(e)

168
+
+
+68
+

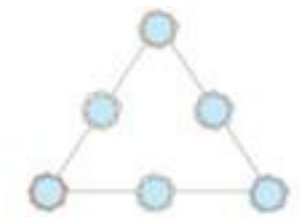
Ans.

--

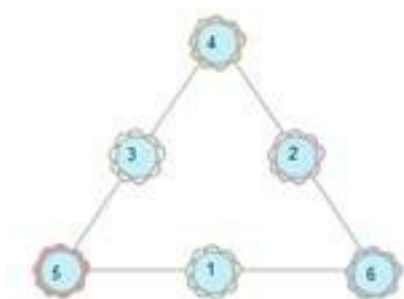
168
$160+8$
$18+150$
$100+68$
$120+48$

Puzzle

11. Can you solve this puzzle? Write the numbers 1,2, 3, 4,5, 6 in the circles, so that the sum of the numbers on each side of the figure is 12.



Ans.



Upper train have

$$= (19 - 5) + (6 - 15) + (7 - 3) + (6 - 10) + (4 - 20) + (1 - 7) + (5 - 4)$$

$$= 14 - 9 + 4 - 4 - 16 - 6 + 1$$

$$= 19 - 35 = -16$$

Lower train have

$$= (17 - 20) + (3 - 19) + (9 + 12) + (9 - 20)$$

$$= -3 - 16 + 21 - 11$$

$$= -30 + 21 = -30 + 21 = -9$$

PAGE 45

Card Game

12. Card game:

(a)

50		70		20

50		20		70

Ans.

--	--	--	--	--

50		70		20
50	+	20	=	70
20	+	50	=	70

50		20		70
70	-	50	=	20
70	-	20	=	50

(b)

30		42		12

30		42		12

--	--	--	--	--

Ans.

30		42		12
30	+	12	=	42
12	+	30	=	42

30		42		12
42	-	12	=	30
42	-	30	=	12