



Accurate Mathematics

A Course Book in Mathematics with Activity

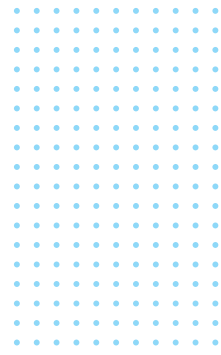
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Accurate Mathematics

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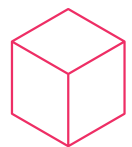
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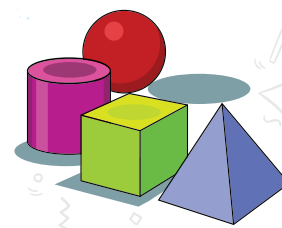
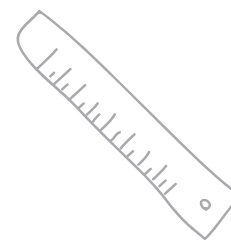
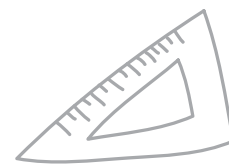
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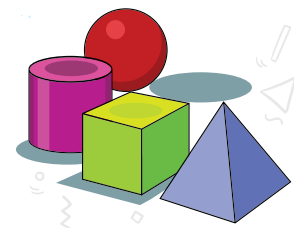
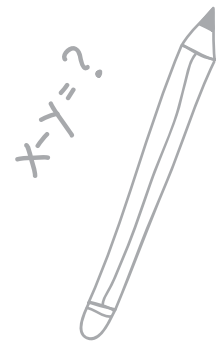
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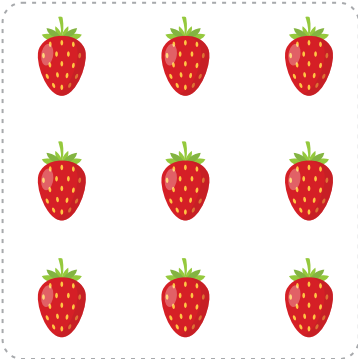
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Counting

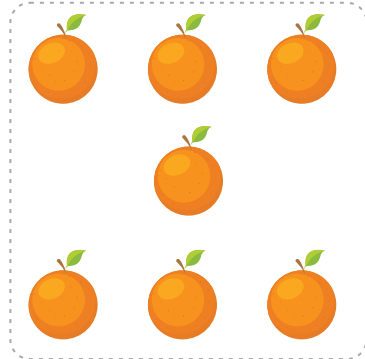
1. Tick (✓) the correct number.

a.



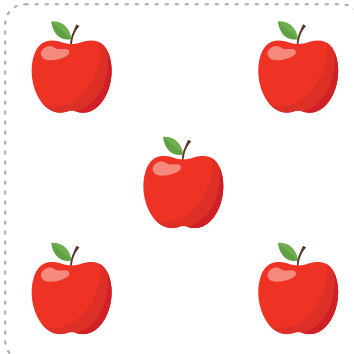
9 8 7 10

b.



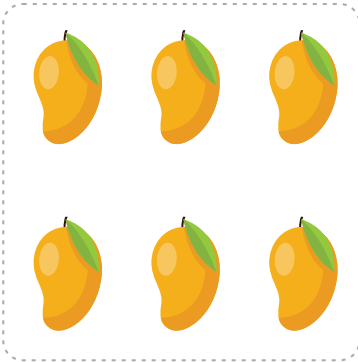
6 9 7 8

c.



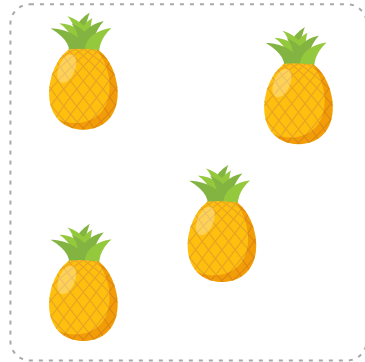
2 3 4 5

d.



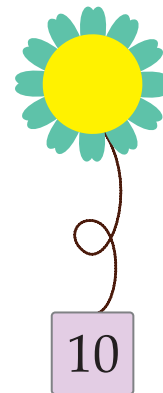
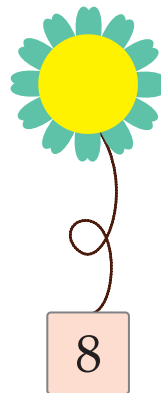
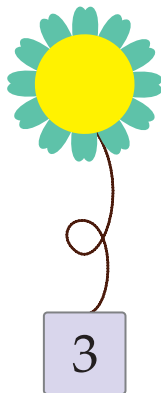
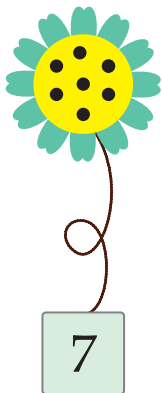
5 4 6 7

e.



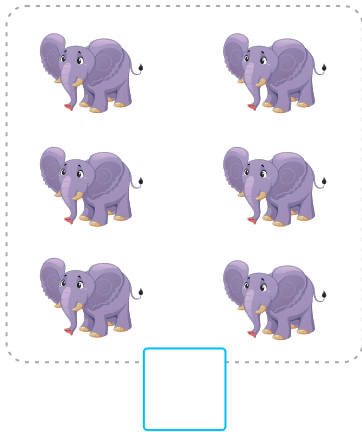
4 2 6 3

2. Draw dots to match the numbers, as shown.

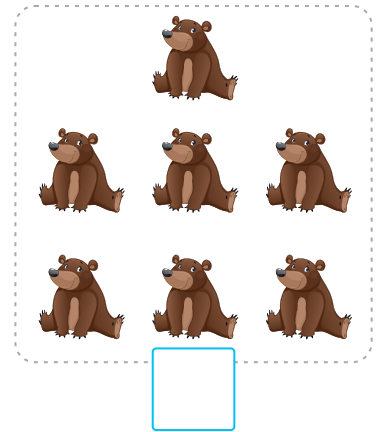


1. Count and write.

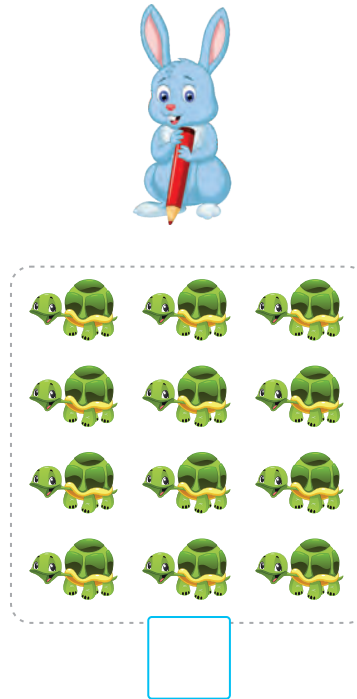
a.



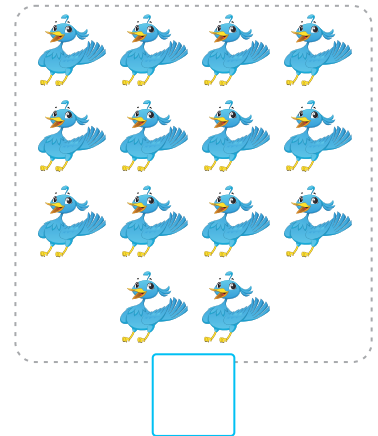
b.



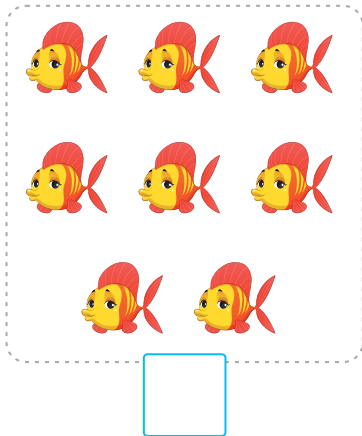
c.



e.



d.

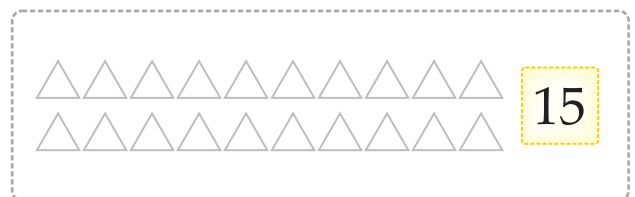


2. Colour to match the numbers, as shown.

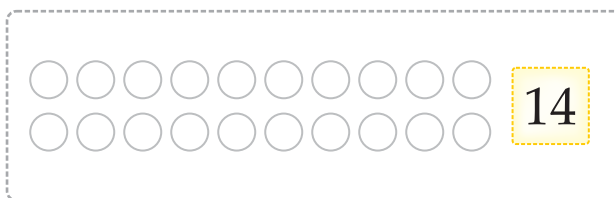
a.



c.



b.



d.



1 to 50

1. Read the numbers and number names.

1
one
2
two
3
three
4
four
5
five
6
six
7
seven
8
eight
9
nine
10
ten

11
eleven
12
twelve
13
thirteen
14
fourteen
15
fifteen
16
sixteen
17
seventeen
18
eighteen
19
nineteen
20
twenty

21
twenty-one
22
twenty-two
23
twenty-three
24
twenty-four
25
twenty-five
26
twenty-six
27
twenty-seven
28
twenty-eight
29
twenty-nine
30
thirty

31
thirty-one
32
thirty-two
33
thirty-three
34
thirty-four
35
thirty-five
36
thirty-six
37
thirty-seven
38
thirty-eight
39
thirty-nine
40
forty

41
forty-one
42
forty-two
43
forty-three
44
forty-four
45
forty-five
46
forty-six
47
forty-seven
48
forty-eight
49
forty-nine
50
fifty

2. Write 1 to 50.

1								9	
11					16				
				25					
						37			
							48		

1. Write the missing numbers.

a.  3  4  5      

b.        12  13  

c.            

d.          25  

e.            

f.    34        

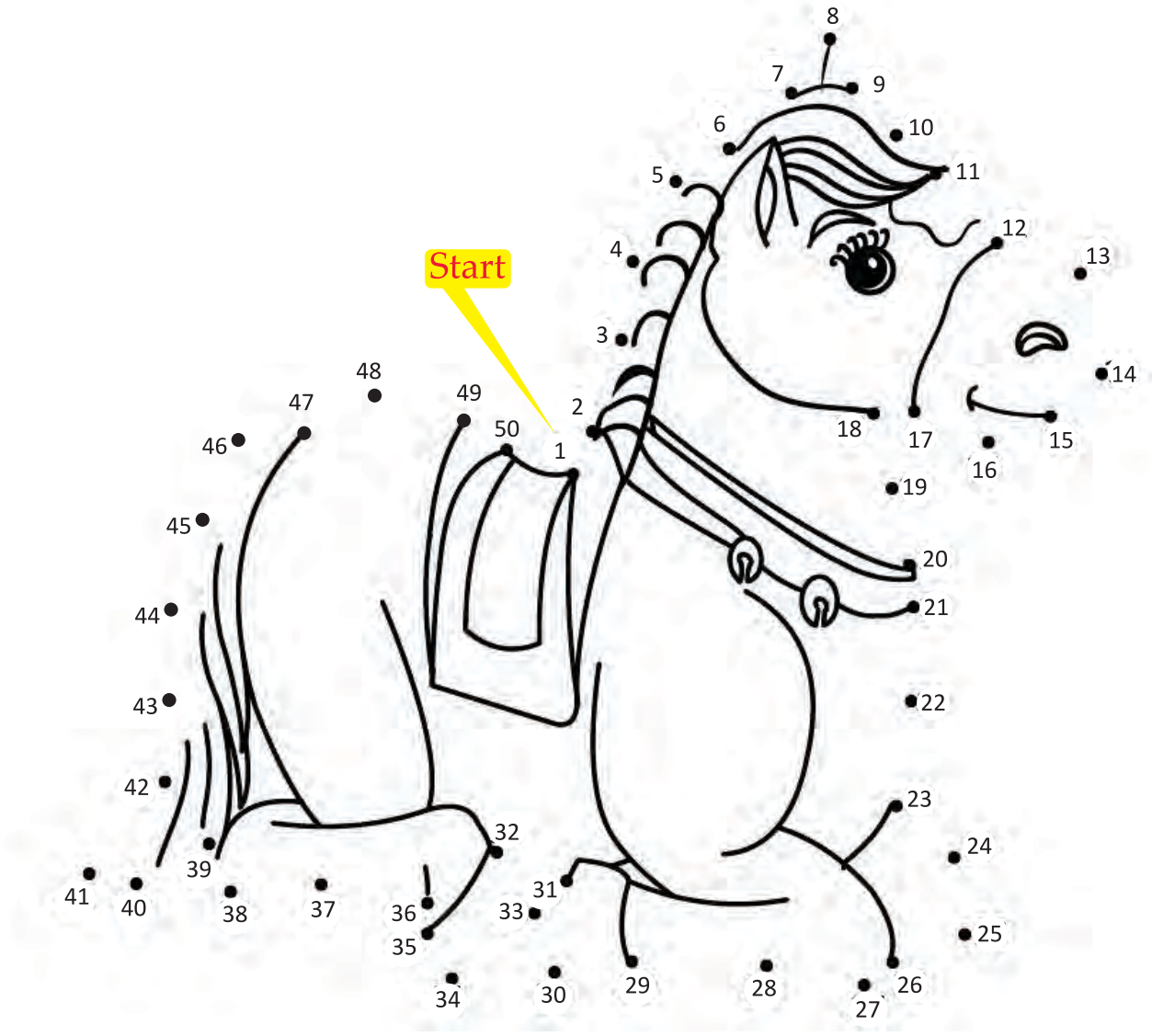
g.            

h.  45          

2. Write the number names.

a. <input type="text" value="1"/>	h. <input type="text" value="8"/>	o. <input type="text" value="15"/>
b. <input type="text" value="2"/>	i. <input type="text" value="9"/>	p. <input type="text" value="16"/>
c. <input type="text" value="3"/>	j. <input type="text" value="10"/>	q. <input type="text" value="17"/>
d. <input type="text" value="4"/>	k. <input type="text" value="11"/>	r. <input type="text" value="18"/>
e. <input type="text" value="5"/>	l. <input type="text" value="12"/>	s. <input type="text" value="19"/>
f. <input type="text" value="6"/>	m. <input type="text" value="13"/>	t. <input type="text" value="20"/>
g. <input type="text" value="7"/>	n. <input type="text" value="14"/>	

1. Join the dots in order. Then colour the picture.

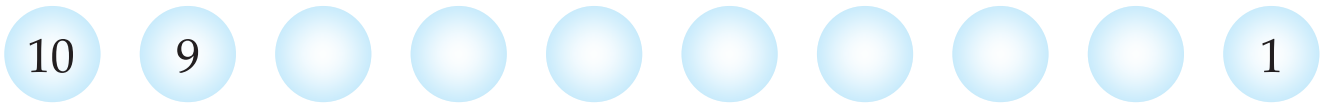


2. Write the number names.

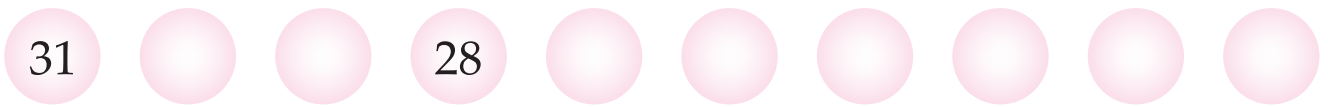
- | | | |
|------------------------------------|------------------------------------|------------------------------------|
| a. <input type="text" value="22"/> | g. <input type="text" value="36"/> | m. <input type="text" value="44"/> |
| b. <input type="text" value="23"/> | h. <input type="text" value="38"/> | n. <input type="text" value="45"/> |
| c. <input type="text" value="28"/> | i. <input type="text" value="39"/> | o. <input type="text" value="46"/> |
| d. <input type="text" value="30"/> | j. <input type="text" value="40"/> | p. <input type="text" value="48"/> |
| e. <input type="text" value="31"/> | k. <input type="text" value="41"/> | q. <input type="text" value="49"/> |
| f. <input type="text" value="35"/> | l. <input type="text" value="42"/> | r. <input type="text" value="50"/> |


Counting Down

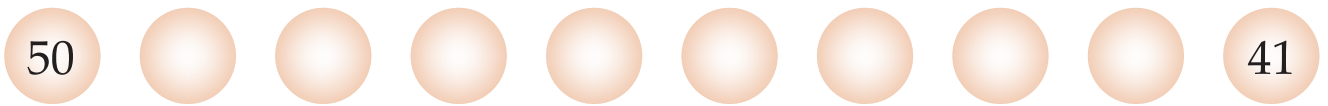
1. Count backwards and fill in.

a. 

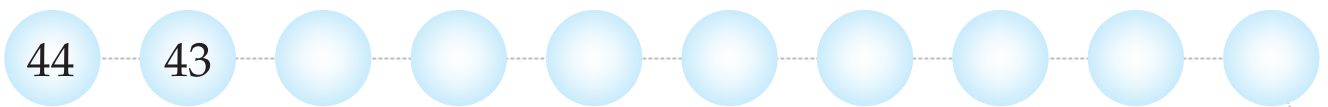
b. 

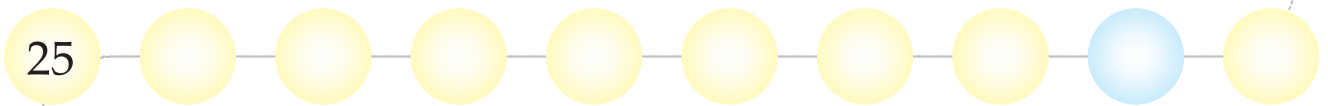
c. 

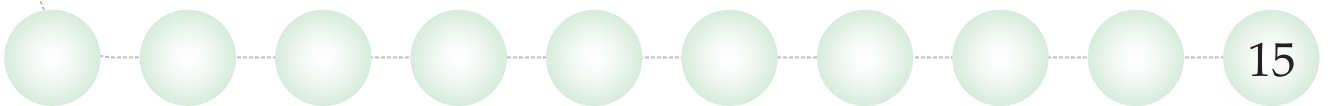
d. 

e. 

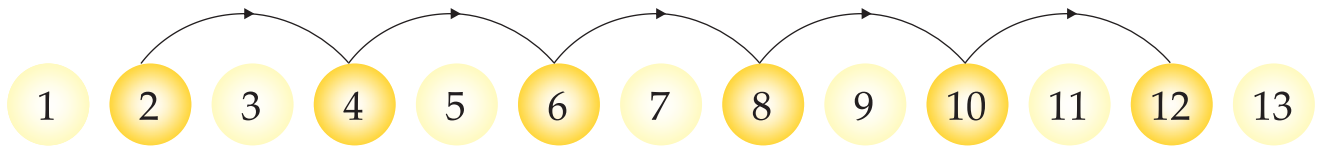
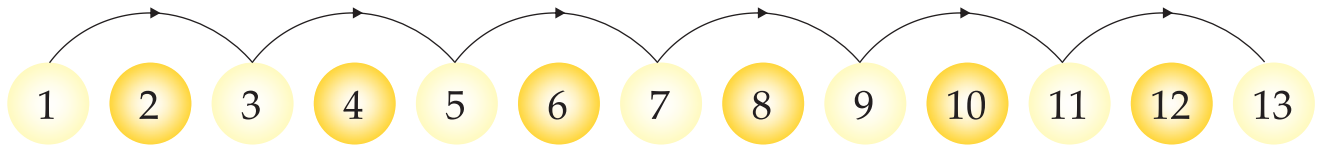
2. Fill in the missing numbers.

a. 

b. 

c. 

Number Patterns: Alternate Numbers



1. Fill in.



2. Fill in.




Before, After, Between



1. Write what comes before and after.

a.  b.  c.  d. 
e.  f.  g.  h. 

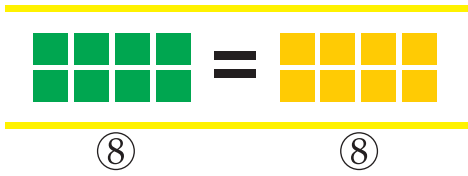
2. Write the number between.

a.  b.  c.  d. 
e.  f.  g.  h. 

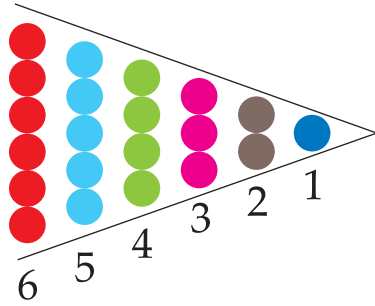
3. Fill in.

- a. The number before 10 is 9.
- b. The number after 20 is _____.
- c. The number before 32 is _____.
- d. The number after _____ is 43.
- e. 40 is between _____ and 41.
- f. 21 is between 20 and _____.
- g. _____ is between 10 and 12.
- h. _____ is between 38 and 40.

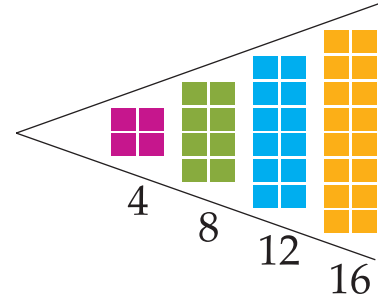
Comparing Numbers



8 green blocks are equal to 8 yellow blocks.
We write, 8 green blocks = 8 yellow blocks.



6 beads are more than 4 beads.
6 is greater than 4, or $6 > 4$.



12 blocks are less than 16 blocks.
12 is less than 16, or $12 < 16$.



For a number,
smaller numbers come before it,
greater numbers come after it.



These are less than 8.

These are greater than 8.

So,

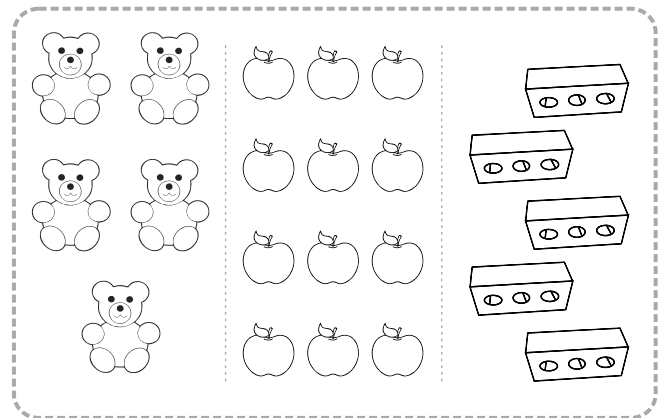
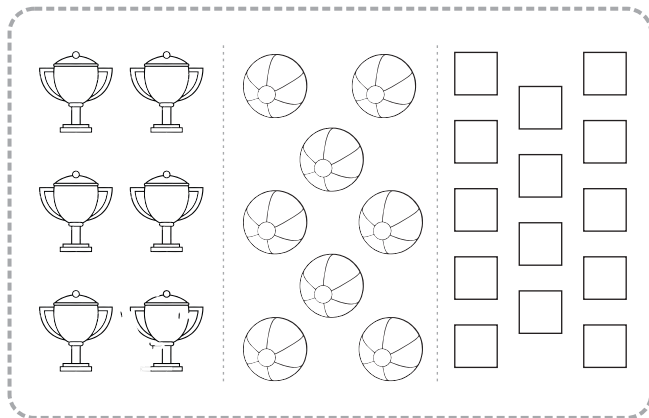
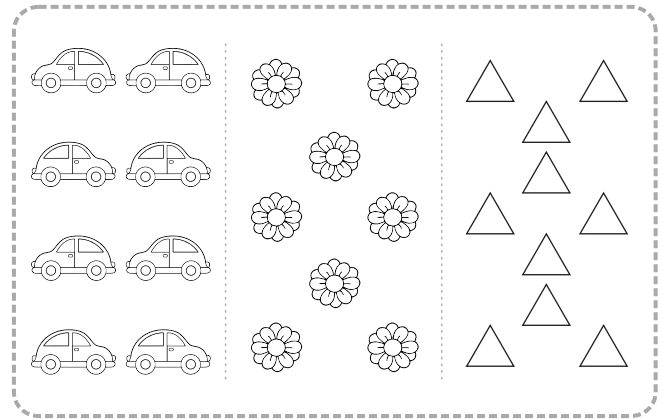
$5 > 4$ | $4 > 3$ | $3 < 4$ | $5 < 6$ | $9 = 9$ | $12 > 10$ | $14 > 12$ | $12 < 21$ | $16 < 38$

1. Write $>$, $<$ or $=$.

- a. 8 7 b. 6 9 c. 14 18 d. 5 15
- e. 20 20 f. 31 13 g. 22 28 h. 35 29
- i. 25 35 j. 22 14 k. 8 38 l. 37 24

Largest and Smallest

1. Colour the largest (biggest group).



2. Write the largest number.

a. 3 5 9 8 **9**

b. 27 13 18 21

c. 5 25 8 34

d. 20 12 21 19

e. 13 22 19 12

f. 22 33 11 44

3. Tick (✓) the smallest number.

a. 5 2 9 6

b. 16 12 19 15

c. 50 37 28 8

d. 33 43 34 23

e. 28 29 25 26

f. 7 5 12 11

Revision-1

1. Write the missing numbers.

11	12		14					19				23
----	----	--	----	--	--	--	--	----	--	--	--	----

2. Count backwards and fill in.

38	37								
----	----	--	--	--	--	--	--	--	--

3. Fill in.

20	22	24									
----	----	----	--	--	--	--	--	--	--	--	--

4. Write what comes before and after.

a.		11		b.		14		c.		27		d.		45	
----	--	----	--	----	--	----	--	----	--	----	--	----	--	----	--

5. Write the number between.

a.	6		8	b.	29		31	c.	20		22	d.	43		45
----	---	--	---	----	----	--	----	----	----	--	----	----	----	--	----

6. Write $>$, $<$ or $=$.

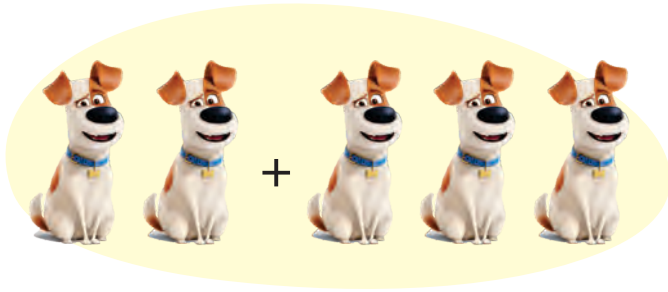
a.	23		33	b.	26		18	c.	35		35	d.	24		42
----	----	--	----	----	----	--	----	----	----	--	----	----	----	--	----

7. Write the number names.

a.	2		b.	23		c.	18	
d.	34		e.	47		f.	38	

Addition

How many in all?



2 dogs and 3 dogs make 5 dogs in all. We write

$$2 + 3 = 5$$

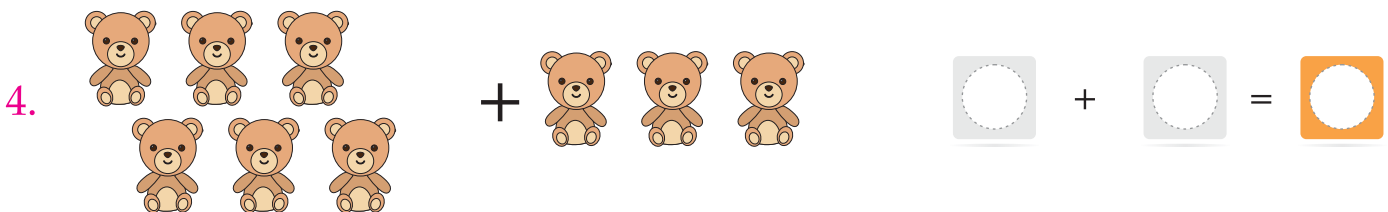
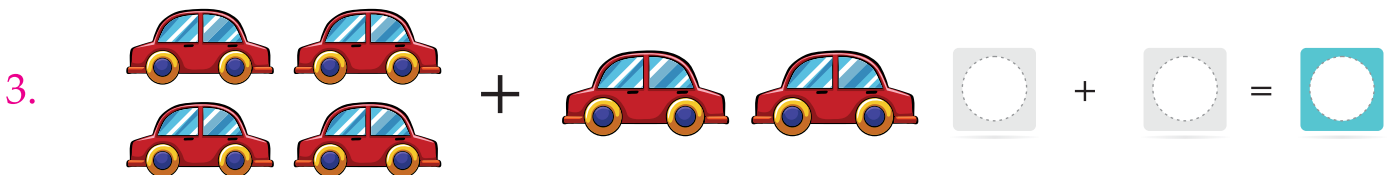
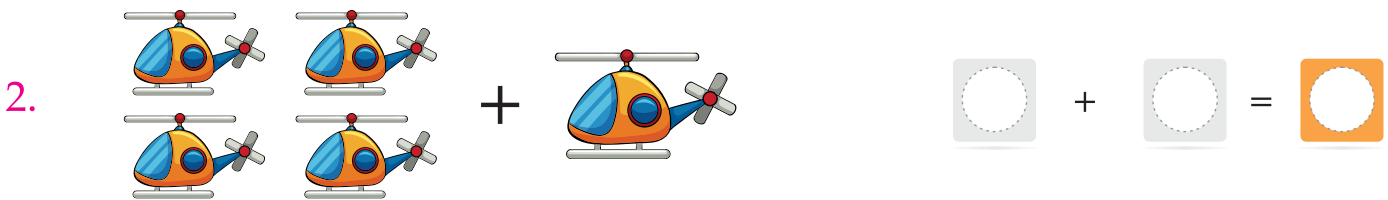
or

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

'+' shows addition.
Addition is putting things together.

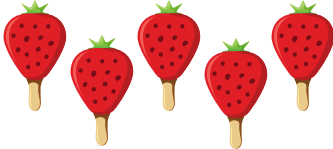
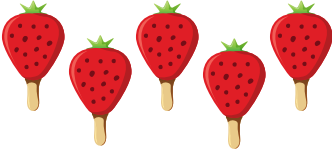





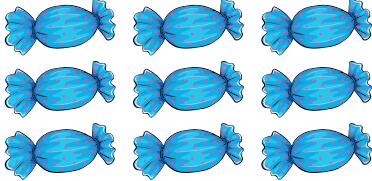
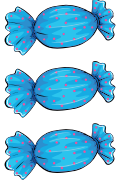



How many in all? Count and add.

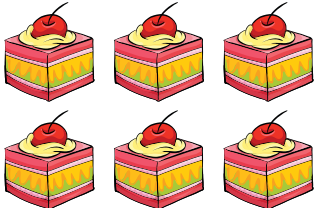
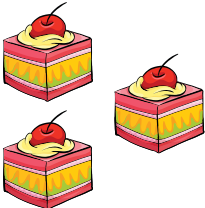





Count and add.

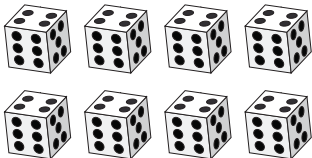
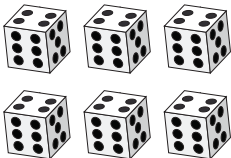



1.  +   +  = 

2.  +   +  = 

3.  +   +  = 

4.  +   +  = 

5.  +   +  = 

6.  +   +  = 



Do and Digest

Aim To learn addition on a number strip/number line

Things needed Strip of paper, counter or coin

Do and Learn

1. Divide a strip of paper into boxes. You can do this by folding the strip.
2. Number the boxes as shown. You now have a **number strip**.



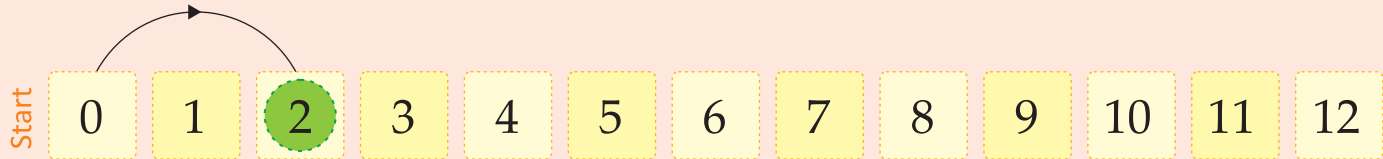
3. Place the counter at 0 (Start).



Zero (0), as you know, counts nothing.

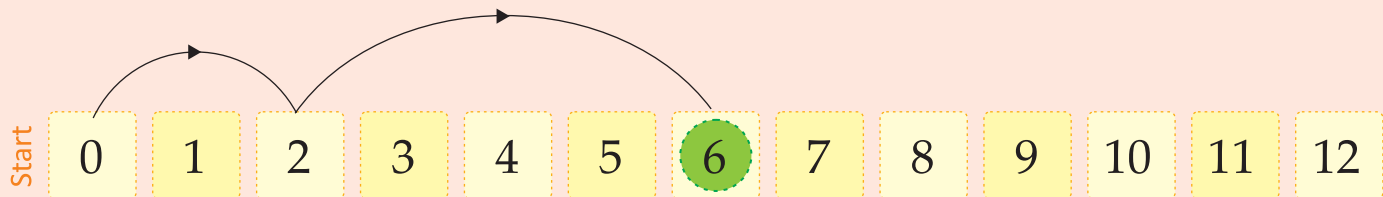
4. Count 2 boxes after 0.

Shift the counter as you count. You will reach 2.



5. Count 4 more boxes after 2. Shift the counter as you count.

You will reach 6. You have counted $2 + 4 = 6$ Boxes.



Similarly add 1 and 2 on the number strip. Then add 3 and 4.

6. We can also show numbers on a **number line**. One is shown below.



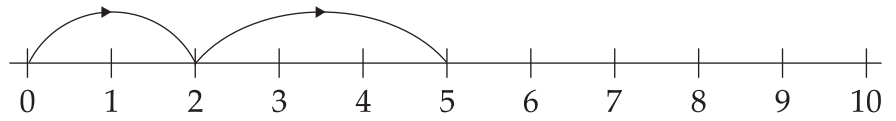
7. Use the counter to add 3 and 2 on the number line.

Also add: 4 and 2 6 and 4 5 and 3.

Add on the number line.

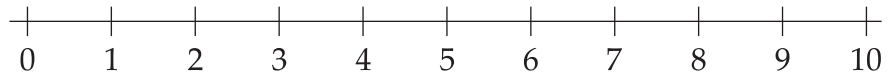
1.

$$2 + 3 = 5$$



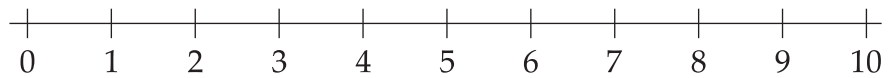
2.

$$2 + 3 =$$



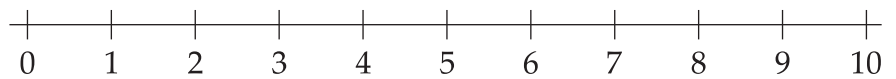
3.

$$4 + 4 =$$



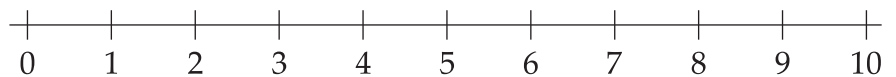
4.

$$6 + 1 =$$



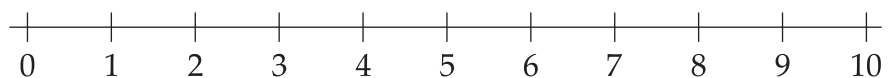
5.

$$5 + 4 =$$



6.

$$6 + 4 =$$



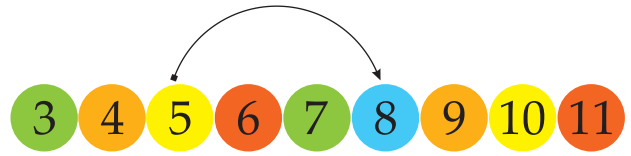


Add by counting forward.

$$5 + 3 = 8$$
$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$



Use your fingers to count forward.



You can also use a number strip.

Add by counting forward.



1. a. $1 + 1 = \square$ b. $2 + 1 = \square$ c. $3 + 1 = \square$ d. $4 + 1 = \square$
e. $5 + 1 = \square$ f. $6 + 1 = \square$ g. $7 + 1 = \square$ h. $8 + 1 = \square$
i. $9 + 1 = \square$ j. $10 + 1 = \square$ k. $11 + 1 = \square$ l. $12 + 1 = \square$
2. a. $1 + 2 = \square$ b. $2 + 2 = \square$ c. $3 + 2 = \square$ d. $4 + 2 = \square$
e. $5 + 2 = \square$ f. $6 + 2 = \square$ g. $7 + 2 = \square$ h. $8 + 2 = \square$
3. a. $3 + 3 = \square$ b. $4 + 3 = \square$ c. $5 + 3 = \square$ d. $6 + 3 = \square$
e. $7 + 3 = \square$ f. $8 + 3 = \square$ g. $9 + 3 = \square$ h. $10 + 3 = \square$

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

Add.



1. a. $4 + 4 = \square$ b. $5 + 4 = \square$ c. $6 + 4 = \square$ d. $7 + 4 = \square$
 e. $8 + 4 = \square$ f. $9 + 4 = \square$ g. $10 + 4 = \square$ h. $11 + 4 = \square$

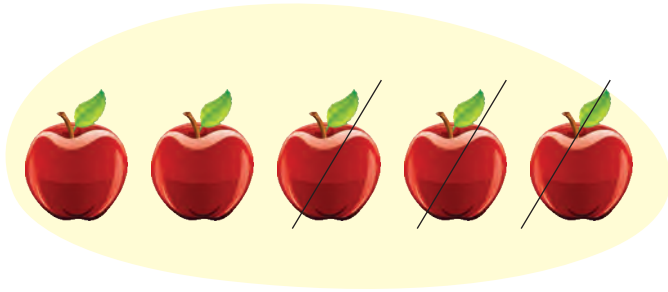
2. a. $5 + 5 = \square$ b. $6 + 5 = \square$ c. $7 + 5 = \square$ d. $8 + 5 = \square$
 e. $9 + 5 = \square$ f. $10 + 5 = \square$ g. $11 + 5 = \square$ h. $12 + 5 = \square$

3. Add.

a.	$\begin{array}{r} 1 \\ +4 \\ \hline \\ \hline \end{array}$	b.	$\begin{array}{r} 3 \\ +5 \\ \hline \\ \hline \end{array}$	c.	$\begin{array}{r} 5 \\ +9 \\ \hline \\ \hline \end{array}$	d.	$\begin{array}{r} 6 \\ +7 \\ \hline \\ \hline \end{array}$
e.	$\begin{array}{r} 8 \\ +4 \\ \hline \\ \hline \end{array}$	f.	$\begin{array}{r} 9 \\ +7 \\ \hline \\ \hline \end{array}$	g.	$\begin{array}{r} 5 \\ +9 \\ \hline \\ \hline \end{array}$	h.	$\begin{array}{r} 11 \\ +4 \\ \hline \\ \hline \end{array}$
i.	$\begin{array}{r} 6 \\ +6 \\ \hline \\ \hline \end{array}$	j.	$\begin{array}{r} 9 \\ +6 \\ \hline \\ \hline \end{array}$	k.	$\begin{array}{r} 8 \\ +9 \\ \hline \\ \hline \end{array}$	l.	$\begin{array}{r} 10 \\ +8 \\ \hline \\ \hline \end{array}$
m.	$\begin{array}{r} 12 \\ +5 \\ \hline \\ \hline \end{array}$	n.	$\begin{array}{r} 11 \\ +7 \\ \hline \\ \hline \end{array}$	o.	$\begin{array}{r} 13 \\ +6 \\ \hline \\ \hline \end{array}$	p.	$\begin{array}{r} 10 \\ +7 \\ \hline \\ \hline \end{array}$

Subtraction

From 5 apples take away 3. How many left?



Cross out 3.

Count the apples left.

$$5 - 3 = 2 \quad \text{or}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

'-' shows subtraction.
Subtraction is taking away.



How many left? Cross out, count and write.

1.  $\boxed{5} - \boxed{1} = \boxed{}$

From 5 take away 1.

2.  $\boxed{6} - \boxed{2} = \boxed{}$

From 6 take away 2.

3.  $\boxed{9} - \boxed{5} = \boxed{}$

From 9 take away 5.

4.  $\boxed{12} - \boxed{6} = \boxed{}$

From 12 take away 6.

Count and Subtract.

1.



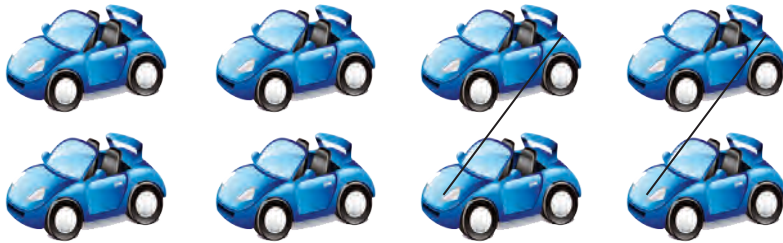
$$\boxed{5} - \boxed{3} = \boxed{}$$

2.



$$\boxed{4} - \boxed{3} = \boxed{}$$

3.



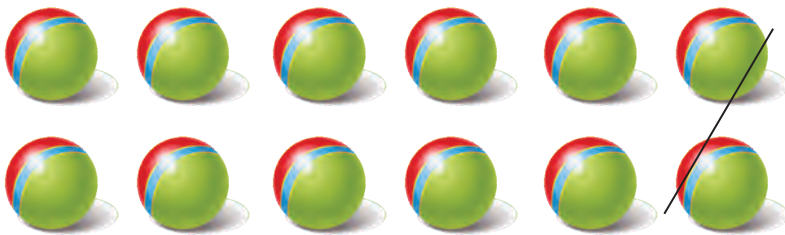
$$\boxed{8} - \boxed{4} = \boxed{}$$

4.



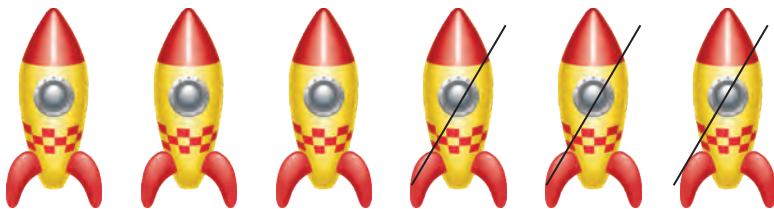
$$\boxed{14} - \boxed{6} = \boxed{}$$

5.



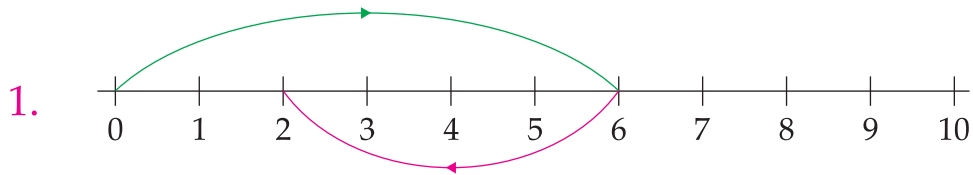
$$\boxed{12} - \boxed{2} = \boxed{}$$

6.

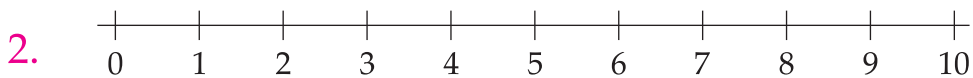


$$\boxed{6} - \boxed{3} = \boxed{}$$

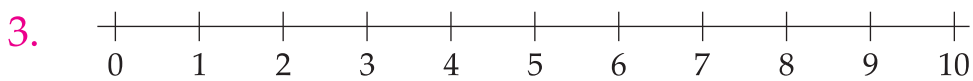
Subtract on the number line.



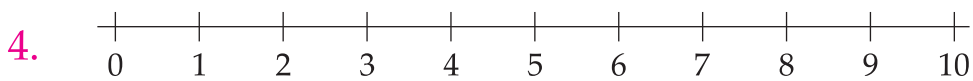
$$6 - 4 = 2$$



$$5 - 2 =$$



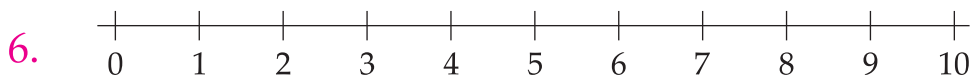
$$8 - 4 =$$



$$9 - 3 =$$



$$10 - 5 =$$

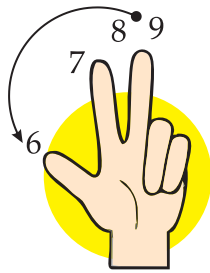


$$8 - 2 =$$

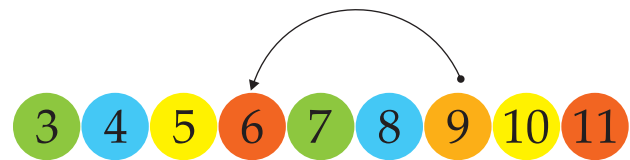


Subtract by counting back.

$$9 - 3 = 6$$
$$\begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$$



Use your fingers to count back.



You can also use a number strip.

Subtract by counting back.



1. a. $2 - 1 = \square$ b. $3 - 1 = \square$ c. $4 - 1 = \square$ d. $5 - 1 = \square$
e. $6 - 1 = \square$ f. $7 - 1 = \square$ g. $8 - 1 = \square$ h. $9 - 1 = \square$
i. $10 - 1 = \square$ j. $11 - 1 = \square$ k. $13 - 1 = \square$ l. $15 - 1 = \square$
2. a. $3 - 2 = \square$ b. $4 - 2 = \square$ c. $5 - 2 = \square$ d. $6 - 2 = \square$
e. $7 - 2 = \square$ f. $8 - 2 = \square$ g. $9 - 2 = \square$ h. $10 - 2 = \square$
3. a. $4 - 3 = \square$ b. $5 - 3 = \square$ c. $6 - 3 = \square$ d. $7 - 3 = \square$
e. $8 - 3 = \square$ f. $9 - 3 = \square$ g. $10 - 3 = \square$ h. $12 - 3 = \square$



Subtract.

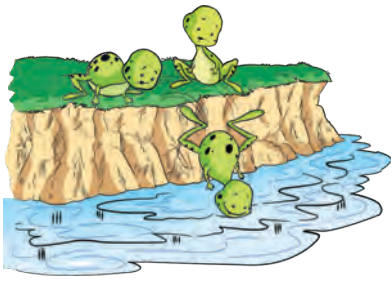
1. a. $5 - 4 = \square$ b. $6 - 4 = \square$ c. $7 - 4 = \square$ d. $8 - 4 = \square$
e. $9 - 4 = \square$ f. $10 - 4 = \square$ g. $14 - 4 = \square$ h. $16 - 4 = \square$

2. a. $6 - 5 = \square$ b. $7 - 5 = \square$ c. $8 - 5 = \square$ d. $9 - 5 = \square$
e. $10 - 5 = \square$ f. $12 - 5 = \square$ g. $13 - 5 = \square$ h. $15 - 5 = \square$

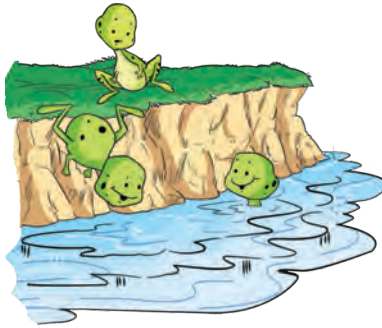
3. Subtract.

a.	$\begin{array}{r} 9 \\ -4 \\ \hline \\ \hline \end{array}$	b.	$\begin{array}{r} 6 \\ -2 \\ \hline \\ \hline \end{array}$	c.	$\begin{array}{r} 8 \\ -5 \\ \hline \\ \hline \end{array}$	d.	$\begin{array}{r} 16 \\ -5 \\ \hline \\ \hline \end{array}$
e.	$\begin{array}{r} 17 \\ -3 \\ \hline \\ \hline \end{array}$	f.	$\begin{array}{r} 18 \\ -4 \\ \hline \\ \hline \end{array}$	g.	$\begin{array}{r} 14 \\ -2 \\ \hline \\ \hline \end{array}$	h.	$\begin{array}{r} 17 \\ -4 \\ \hline \\ \hline \end{array}$
i.	$\begin{array}{r} 7 \\ -6 \\ \hline \\ \hline \end{array}$	j.	$\begin{array}{r} 9 \\ -6 \\ \hline \\ \hline \end{array}$	k.	$\begin{array}{r} 8 \\ -7 \\ \hline \\ \hline \end{array}$	l.	$\begin{array}{r} 11 \\ -8 \\ \hline \\ \hline \end{array}$
m.	$\begin{array}{r} 12 \\ -8 \\ \hline \\ \hline \end{array}$	n.	$\begin{array}{r} 13 \\ -9 \\ \hline \\ \hline \end{array}$	o.	$\begin{array}{r} 14 \\ -7 \\ \hline \\ \hline \end{array}$	p.	$\begin{array}{r} 19 \\ -4 \\ \hline \\ \hline \end{array}$

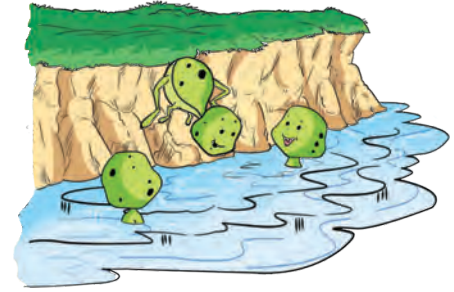
Zero



3 frogs sat on a rock.
1 jumps into a pool.
2 frogs left on the rock.



2 frogs sat on the rock.
1 jumps into the pool.
1 frog left on the rock.



1 frog sat on the rock.
It jumps into the pool.
0 frog left on the rock.

Zero (0) stands for none. 0 counts nothing.

Adding Zero



3 rasgullas

0 rasgulla

3 rasgullas

$$3 + 0 = 3$$



0 rasgulla

5 rasgullas

5 rasgullas

$$0 + 5 = 5$$

number - 0 = same number



Fill in.

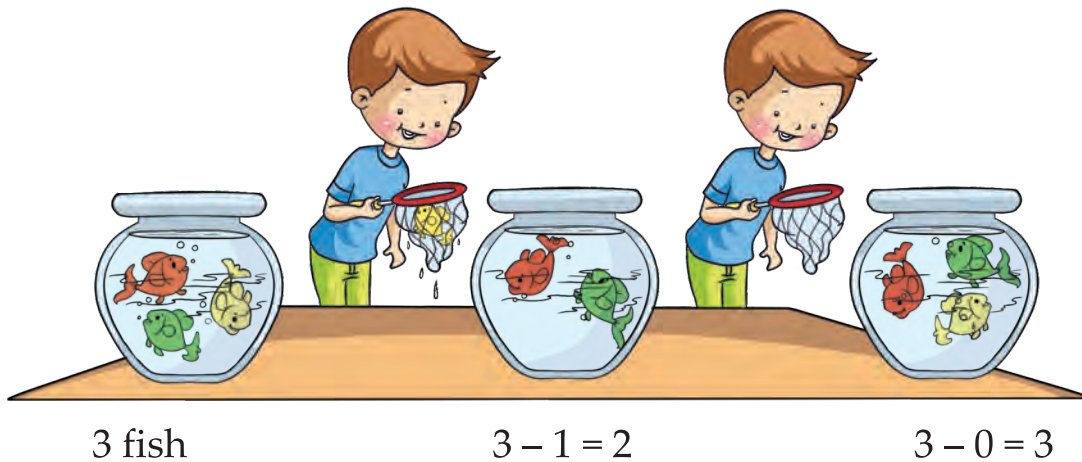
1. a. $1 + 0 = \boxed{1}$
b. $0 + 2 = \boxed{}$
c. $3 + 0 = \boxed{}$

2. a. $4 + 0 = \boxed{}$
b. $0 + 4 = \boxed{}$
c. $5 + 0 = \boxed{}$

3. a. $6 + 0 = \boxed{}$
b. $7 + 0 = \boxed{}$
c. $0 + 8 = \boxed{}$

4. a. $9 + 0 = \boxed{}$
b. $10 + 0 = \boxed{}$
c. $16 + 0 = \boxed{}$

Subtracting Zero



number - 0 = same number



Fill in.

- a. $1 - 0 = 1$ b. $4 - 0 = \square$ c. $6 - 0 = \square$ d. $9 - 0 = \square$
e. $2 - 0 = \square$ f. $5 - 0 = \square$ g. $7 - 0 = \square$ h. $10 - 0 = \square$
i. $3 - 0 = \square$ j. $0 - 0 = \square$ k. $8 - 0 = \square$ l. $12 - 0 = \square$



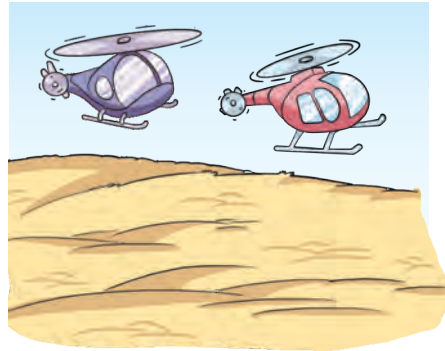
Fill in '+' or '-'.

1. a. $8 \square 4 = 4$ b. $6 \square 4 = 10$ c. $9 \square 4 = 13$ d. $12 \square 7 = 5$
2. a. $10 \square 8 = 2$ b. $18 \square 8 = 10$ c. $13 \square 4 = 9$ d. $16 \square 5 = 11$
3. a. $16 \square 2 = 18$ b. $12 \square 2 = 14$ c. $14 \square 9 = 5$ d. $17 \square 3 = 20$
4. a. $18 \square 2 = 20$ b. $14 \square 1 = 15$ c. $15 \square 5 = 20$ d. $10 \square 2 = 8$

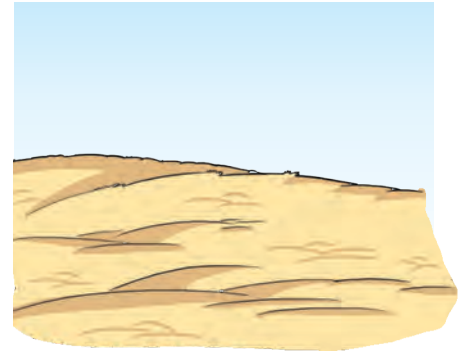
Subtracting a Number from Itself



2 helicopters



Both take off.
Helicopters left: $2 - 2$



No, (0) helicopters left
 $2 - 2 = 0$

number – same number = 0

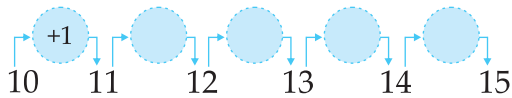


Fill in.

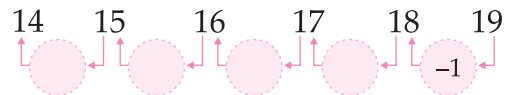
- | | | | |
|---|-----------------------------------|-----------------------------------|-------------------------------------|
| a. $1 - 1 =$ <input type="text" value="0"/> | b. $4 - 4 =$ <input type="text"/> | c. $7 - 7 =$ <input type="text"/> | d. $10 - 10 =$ <input type="text"/> |
| e. $2 - 2 =$ <input type="text"/> | f. $5 - 5 =$ <input type="text"/> | g. $8 - 8 =$ <input type="text"/> | h. $12 - 12 =$ <input type="text"/> |
| i. $3 - 3 =$ <input type="text"/> | j. $6 - 6 =$ <input type="text"/> | k. $9 - 9 =$ <input type="text"/> | l. $15 - 15 =$ <input type="text"/> |



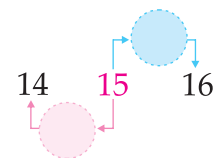
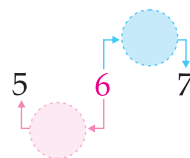
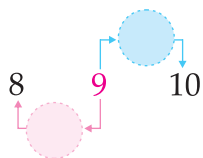
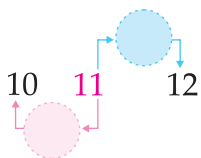
1. Fill in for counting forward.



2. Fill in for counting backward.



3. Fill in for the number before and after.





Do and Digest

Aim To learn the relationship between addition and subtraction

Things needed Coloured cards, tape

Do and Learn

1. Tape the cards to make two strips of different colours.



3. Turn the strips around and add.



4. Take away 3 blue cards from the whole.



5. Take away 4 green cards from the whole.



$$3 + 4 = 7$$

$$4 + 3 = 7$$

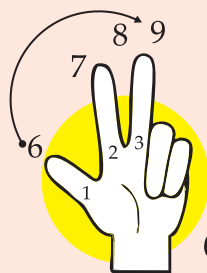
$$7 - 3 = 4$$

$$7 - 4 = 3$$

6. Note how the three numbers are related by addition and subtraction.

Fill in.

$$6 + \underline{\quad} = 9$$



$$6 + \underline{3} = 9$$

$$\underline{\quad} + 5 = 7$$



$$\underline{2} + 5 = 7$$

1. $5 + 2 = \underline{\quad}$ $7 - 2 = \underline{\quad}$ $7 - 5 = \underline{\quad}$ $5 + \underline{\quad} = 7$ $\underline{\quad} + 2 = 7$

2. $3 + 4 = \underline{\quad}$ $7 - 3 = \underline{\quad}$ $7 - 4 = \underline{\quad}$ $3 + \underline{\quad} = 7$ $\underline{\quad} + 4 = 7$

3. $6 + 5 = \underline{\quad}$ $11 - 5 = \underline{\quad}$ $11 - 6 = \underline{\quad}$ $6 + \underline{\quad} = 11$ $\underline{\quad} + 5 = 11$



1. Fill in as shown.

a.	+	3	6
	2		8
	5	8	11
		5+3	5+6

b.	+	1	0
	4		
	3		

c.	+	4	5
	8		
	11		

d.	+	1	2	3
	7			
	8			
	9			

e.	-	3	2
	6		4
	5	2	
		5-3	5-2

f.	-	2	3
	7		
	8		

g.	-	5	0
	9		
	10		

h.	-	1	6	7
	7			
	8			
	9			

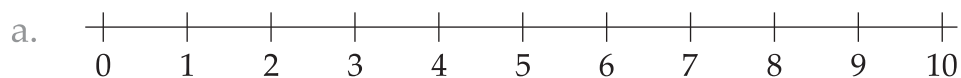
2. What makes the numbers 1 to 10? Fill in and find out.

+	1	2	3	4	5	6	7	8	9	10
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										

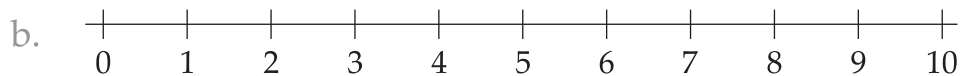


Revision-2

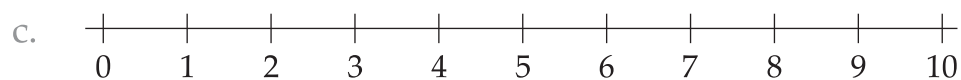
1. Do on the number line.



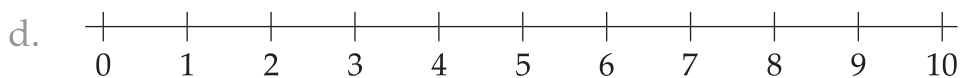
$$5 + 3 =$$



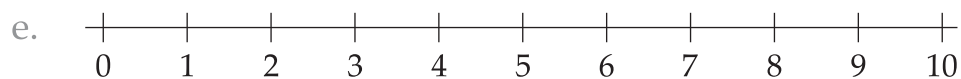
$$6 + 2 =$$



$$9 - 5 =$$



$$5 - 5 =$$



$$6 - 5 =$$

2. Add.

a. $8 + 4 = \underline{\quad}$

c. $10 + 3 = \underline{\quad}$

e.
$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 15 \\ + 5 \\ \hline \end{array}$$

b. $11 + 6 = \underline{\quad}$

d. $15 + 0 = \underline{\quad}$

3. Subtract.

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

c. $18 - 0 = \underline{\quad}$

e.
$$\begin{array}{r} 14 \\ - 4 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$$

b. $12 - 6 = \underline{\quad}$

d. $7 - 7 = \underline{\quad}$