

7 Subtraction

Look at the notes and coins. How much remains?

I have Rs. 45



I must pay Rs. 23



How much remains?



We can show this process like this.

4	5
- 2	3
2	2

The symbol for subtraction is '-'



Get your pupils to understand the concept of subtracton. Let them use notes and coins. Introduce the symbol '-' (minus) to them.



Exercise

1. Subtract numbers using the method of expansion of numbers.

Ex:-

	tens		ones						
45 =	4	+	5	=	40	+	5		
- 23 =	2	+	3	=	20	+	3		
22 =	2	+	2	=	20	+	2		

This means

T	O
4	5
- 2	3
2	2

or $45 - 23 = 22$

(A)

T	O				
6	5	=		+	
- 3	0	=		+	
		=		+	

(B)

T	O				
3	9	=		+	
-	8	=		+	
		=		+	

(C)

T	O				
8	5	=		+	
- 4	3	=		+	
		=		+	

(D)

T	O				
6	5	=		+	
- 3	5	=		+	
		=		+	

(E)

T	O				
9	5	=		+	
- 9	1	=		+	
		=		+	

(F)

T	O				
5	8	=		+	
- 3	2	=		+	
		=		+	



Get your pupils to understand the instruction for each problem. Let them solve the problems by themselves.

2. Subtract the numbers using the bundles of sticks and loose sticks.

- | | | | | |
|---|---|---|---|---|
| (a) $\begin{array}{r} 48 \\ -26 \\ \hline \hline \end{array}$ | (b) $\begin{array}{r} 59 \\ -24 \\ \hline \hline \end{array}$ | (c) $\begin{array}{r} 68 \\ -20 \\ \hline \hline \end{array}$ | (d) $\begin{array}{r} 99 \\ -69 \\ \hline \hline \end{array}$ | (e) $\begin{array}{r} 29 \\ -5 \\ \hline \hline \end{array}$ |
| (f) $\begin{array}{r} 69 \\ -26 \\ \hline \hline \end{array}$ | (g) $\begin{array}{r} 74 \\ -34 \\ \hline \hline \end{array}$ | (h) $\begin{array}{r} 85 \\ -30 \\ \hline \hline \end{array}$ | (i) $\begin{array}{r} 66 \\ -23 \\ \hline \hline \end{array}$ | (j) $\begin{array}{r} 97 \\ -41 \\ \hline \hline \end{array}$ |
| (k) $\begin{array}{r} 37 \\ -15 \\ \hline \hline \end{array}$ | (l) $\begin{array}{r} 49 \\ -4 \\ \hline \hline \end{array}$ | (m) $\begin{array}{r} 58 \\ -10 \\ \hline \hline \end{array}$ | (n) $\begin{array}{r} 79 \\ -69 \\ \hline \hline \end{array}$ | (o) $\begin{array}{r} 39 \\ -3 \\ \hline \hline \end{array}$ |

3. Subtract the numbers given.

- Ex: $54 - 31 = \boxed{23}$ (a) $35 - 23 = \boxed{}$
- (b) $65 - 24 = \boxed{}$ (c) $76 - 30 = \boxed{}$
- (d) $49 - 5 = \boxed{}$ (e) $75 - 15 = \boxed{}$
- (f) $83 - 23 = \boxed{}$ (g) $66 - 61 = \boxed{}$

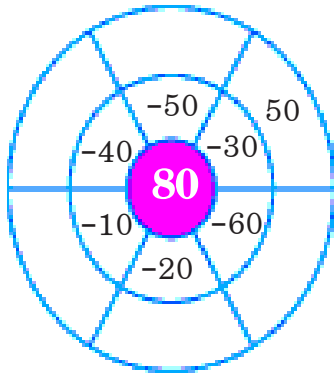
4. Subtract the number in the top row from that in the first column.

-	60	50	40	30	Ex:- $90 - 60 = 30$
90	→ 30			
80				
70				



Get your pupils to understand the instruction for each problem. Let them solve the problems by themselves.

5. Subtract the numbers in the inner circle from 80 shown in the centre.



Ex:- $80 - 30 = 50$

.....

.....

.....

6. Write the correct symbol (+ or -) in the blank boxes.

35		12	=	23
47		13	=	60
88		22	=	66

7. Write subtraction problems such that the difference is 10.

Example: $20 - 10 = 10$

- (a) (b)
- (c) (d)


8. Observe the examples. Fill in the blank boxes with the correct numbers.

Example:

60	-	23	=	37
-		-		-
17	-	12	=	5
=		=		=
43	-	11	=	32

a.

19	-	4	=	
-		-		-
1	-		=	0
=		=		=
	-	3	=	15

 Get your pupils to understand the instruction for each problem. Let them solve the problems by themselves.

9. Subtract the numbers in the first column of the following grid. Then identify where your answer lies. Observe the example.

Ex.		20 - 30	30 - 40	40 - 50	50 - 60
	39 - 14	✓			
	66 - 33				
	98 - 50				
	57 - 12				
	65 - 14				

10. Fill in the blank boxes with the correct numbers.

(a)	$30 - 0 = \square$
(b)	$95 - \square = 80$
(c)	$12 - 5 = \square$

(d)	$75 - 75 = \square$
(e)	$25 - \square = 25$
(f)	$60 - 5 = \square$

11. Fill in the blank boxes with the correct numbers.

(A)

$$\begin{array}{r} 3 \quad 6 \\ - 1 \quad \square \\ \hline 2 \quad 3 \\ \hline \end{array}$$

(B)

$$\begin{array}{r} 4 \quad 7 \\ - 2 \quad \square \\ \hline 2 \quad 5 \\ \hline \end{array}$$

(C)

$$\begin{array}{r} 7 \quad 5 \\ - 2 \quad \square \\ \hline 5 \quad 0 \\ \hline \end{array}$$

(D)

$$\begin{array}{r} 6 \quad 8 \\ - 3 \quad \square \\ \hline \square \quad 0 \\ \hline \end{array}$$



Get your pupils to understand the instruction for each problem. Let them solve the problems by themselves.

12. Fill in the blanks boxes with the correct numbers.

36	-	20	=	
+		+		+
17	-	12	=	
=		=		=
	-		=	



13. Observe the subtraction of pairs of numbers in each row.

One of the answers is different. Identify it and mark it '○'.

One example is given.

Ex:	$47 - 30$;	$37 - 20$;	$67 - 50$;	$87 - 40$
a)	$36 - 21$;	$67 - 52$;	$46 - 32$;	$26 - 11$
b)	$59 - 42$;	$77 - 16$;	$47 - 30$;	$38 - 21$
c)	$48 - 15$;	$77 - 44$;	$68 - 35$;	$76 - 53$

14. Observe the series of numbers. Write the next two numbers in each row.

Example:	10, 8, 6, 4, 2,
a)	9, 7, 5, _____, _____
b)	12, 9, 6, _____, _____
c)	30, 25, 20, _____, _____



Get your pupils to understand the instruction for each problem. Let them solve the problems on their own.