

ABACUS BOOK



Name of the centre

Student Name

STUDENT PROGRESS

WEEK	DATE	CLASS WORK PAGE NO.	HOME WORK PAGE NO.	REMARKS	SIGNATURES	
					TEACHER'S SIGN	PARENT'S SIGN
1st Week		1, 3, 5	2, 4, 6			
2nd Week		7, 9	8, 10, 11			
3rd Week		12, 13, 15, 17	14, 16, 18, 19			
4th Week		20, 21, 23, 25	22, 24, 26, 27			
5th Week		28, 29, 31, 33	30, 32, 34, 35			
6th Week		36, 37, 39, 42, 43, 45	38, 40, 41, 44, 46			



Lesson-1: Direct Addition/Subtraction Of Upper, Lower Beads

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

FLASH CARDS

1 2 3 4 5 6 7 8 9 10



ORALS

1 2 3 4 5 6 7 8 9 10

	1	2	3	4	5	6	7	8	9	10
Q	40	20	90	50	90	30	90	60	40	60
	50	70	-70	30	-80	60	-50	30	50	-50
	-70	-80	60	-10	50	-50	-30	-40	-80	80
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	10	30	40	30	30	20	90	10	80	90
	80	60	-20	-20	60	50	-80	80	-70	-40
	-50	-10	60	80	-70	-70	50	-90	50	10
	-20	-50	-10	-40	50	90	-10	60	-60	20
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	18	27	34	17	47	22	38	11	24	13
	-2	2	5	-2	-2	6	-5	8	5	6
	1	-5	-8	3	1	-7	6	-9	-8	-7
	2	-1	6	-7	3	5	-8	6	6	5
Ans										



Lesson-1: Add Complements +40, +30, +20, +10

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

$$+40 = +50 - 10$$

$$+30 = +50 - 20$$

$$+20 = +50 - 30$$

$$+10 = +50 - 40$$



	1	2	3	4	5	6	7	8	9	10
Q	60	90	80	20	30	90	40	60	30	40
	-50	-80	-60	40	10	-70	30	-50	30	-20
	40	40	40	-50	30	30	-70	40	-50	30
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	90	40	20	80	70	50	90	80	90	60
	-50	20	70	-50	20	20	-60	-50	-40	10
	20	20	-80	20	-60	-60	20	10	10	-50
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	13	22	39	28	15	12	22	35	12	29
	-2	7	-7	-7	4	2	4	4	7	-8
	7	-3	2	4	-7	3	1	-6	-6	4
	1	2	1	2	1	2	-5	3	4	2
Ans										

ORALS	1	2	3	4	5	6	7	8	9	10



Lesson-1: Less Complements -40, -30, -20, -10

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

$$-40 = +10 - 50$$

$$-30 = +20 - 50$$

$$-20 = +30 - 50$$

$$-10 = +40 - 50$$



Q	1	2	3	4	5	6	7	8	9	10
	50	60	90	70	40	10	70	10	90	70
	-40	-40	-30	-40	30	50	-30	50	-40	-30
	70	20	-40	20	-40	-40	50	-30	-30	40
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	60	30	50	50	10	50	60	50	40	80
	-20	30	-20	-20	40	-20	-10	-10	10	-30
	50	-20	60	-20	-20	40	-10	-20	-10	-10
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	17	29	32	25	12	24	1	2	5	19
	-2	-4	-2	-1	4	2	15	34	-3	-7
	-1	1	9	5	-5	-5	-3	-3	26	6
	5	-2	-7	-7	3	3	1	5	-7	-3
Ans										

ORALS	1	2	3	4	5	6	7	8	9	10



Lesson-2: Add Supplement +90, +80, +70, +60, +50

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

$$+90 = -10 + 100$$

$$+80 = -20 + 100$$

$$+70 = +30 + 100$$

$$+60 = -40 + 100$$

$$+50 = -50 + 100$$



Q	1	2	3	4	5	6	7	8	9	10
	30	90	20	40	80	80	10	80	70	40
	90	-70	60	90	90	-50	10	80	80	80
	20	90	90	20	-60	90	80	-50	-30	70
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	30	80	90	20	40	20	90	50	50	70
	70	70	-60	70	40	60	60	-10	40	-30
	70	30	70	70	70	70	-40	60	60	60
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	15	27	19	38	15	25	18	18	25	39
	4	8	5	5	3	3	9	-6	-1	6
	5	5	2	6	8	5	-6	8	6	-1
	9	7	9	-7	-5	-3	9	7	4	7
Ans										

ORALS	1	2	3	4	5	6	7	8	9	10



Lesson-2: Add Supplement +40, +30, +20, +10

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

$$+40 = - 60 + 100$$

$$+30 = - 70 + 100$$

$$+20 = - 80 + 100$$

$$+10 = - 90 + 100$$



Q	1	2	3	4	5	6	7	8	9	10
	90	80	20	40	30	10	30	20	70	70
	40	-10	50	50	60	30	60	50	30	10
	80	40	40	40	40	80	30	30	90	30
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	10	80	90	60	90	90	70	90	50	80
	70	20	20	20	20	20	20	10	10	10
	20	40	40	20	10	70	10	40	40	20
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	13	2	9	4	6	8	6	33	29	15
	4	13	12	27	19	14	24	8	7	3
	-1	5	4	8	2	-2	7	4	5	2
	5	5	3	-2	3	5	3	2	4	6
Ans										

ORALS	1	2	3	4	5	6	7	8	9	10



REVISION

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

Q	1	2	3	4	5	6	7	8	9	10
	1	2	5	7	9	4	9	8	6	4
	4	8	5	3	1	6	8	8	5	4
	5	4	9	5	8	6	-4	-2	5	8
	7	4	-6	-2	-4	-3	3	4	-2	-3
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	10	20	80	70	30	50	90	80	50	20
	90	30	20	20	30	-30	-40	70	-10	80
	50	50	60	20	60	80	-10	-40	40	60
	-20	40	-40	10	40	60	40	70	-40	-20
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	21	34	68	26	88	67	55	29	86	37
	9	3	2	4	4	3	5	1	-4	-3
	4	-2	5	8	3	4	4	7	8	6
	3	-2	-3	-4	-1	3	4	-3	5	-3
Ans										



Lesson-3: -9 / -90

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT

10

1

1

1

2

4

2

3

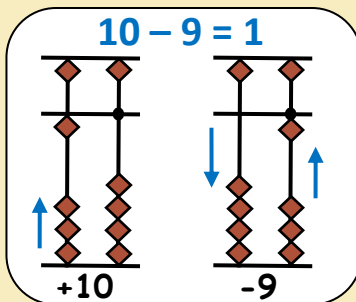
4

3

2

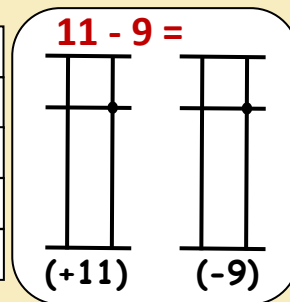
EXPLANATION

Draw



$$-9 = -10 + 1$$

$$-90 = -100 + 10$$



Warm up Exercise: 11-9, 12-9, 13-9, 15-9, 16-9, 17-9, 18-9

	1	2	3	4	5	6	7	8	9	10
Q	6	5	3	1	7	6	7	2	8	5
	2	4	8	9	9	-3	-4	9	4	4
	3	7	5	6	9	8	8	4	-9	-9
	-9	-9	-9	-9	-9	-9	-9	-9	3	6
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	80	60	60	30	80	60	40	50	30	10
	90	50	90	70	20	50	70	50	60	90
	-90	-90	-90	-90	-90	-90	20	60	10	70
	70	30	20	30	50	50	-90	-90	-90	-90
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	12	37	55	28	67	79	35	78	16	52
	8	4	3	3	8	6	5	7	5	4
	-9	-9	7	9	-9	-9	2	-9	-9	4
	3	-9	-9	-9	9	3	-9	3	9	-9
Ans										

ORALS



Lesson-3: -8 / -80

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT

10

1

1

1

2

4

2

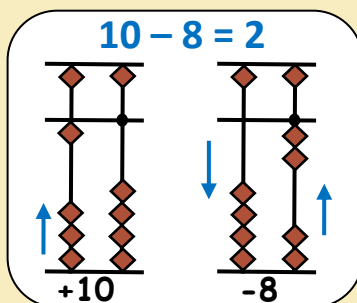
3

4

3

2

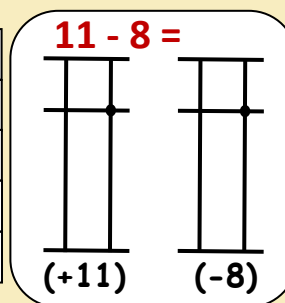
EXPLANATION



$-8 = -10 + 2$

$-80 = -100 + 20$

Draw



Warm up Exercise: 11-8, 12-8, 15-8, 16-8, 17-8

	1	2	3	4	5	6	7	8	9	10
Q	4	6	4	8	2	3	9	7	9	8
	7	9	5	8	8	8	7	4	6	4
	-8	5	1	-8	-8	1	-8	-8	5	-8
	2	-8	-8	5	5	-8	1	3	-8	5
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	60	90	60	80	30	50	70	50	60	70
	90	30	50	90	50	50	50	40	40	90
	10	80	-80	-80	80	-80	-80	-80	-80	-80
	-80	-80	10	10	-80	20	50	10	50	-50
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	26	36	58	62	39	26	45	56	71	59
	3	9	7	9	2	5	-8	-9	-8	-4
	8	-8	-8	-8	-8	-8	-8	5	4	-8
	-8	-8	5	5	-9	-2	1	-8	-8	-6
Ans										

ORALS



Lesson-3: -7 / -70

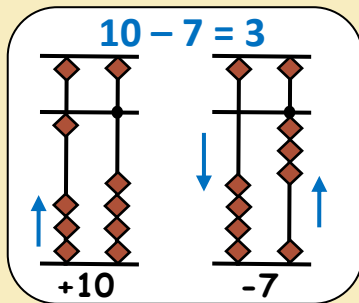
DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT 10	8		4		6			7		
		5		7		2	4		9	1

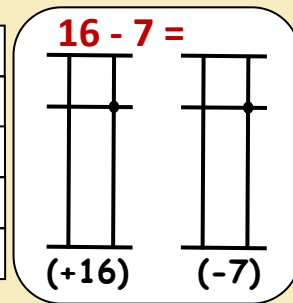
EXPLANATION



$-7 = -10 + 3$

$-70 = -100 + 30$

Draw



Warm up Exercise: 10-7, 11-7, 15-7, 16-7

Q	1	2	3	4	5	6	7	8	9	10
	6	8	5	7	1	9	9	2	3	4
	5	7	3	8	9	1	-7	8	4	7
	4	5	2	-7	-7	-9	8	5	3	-7
	-7	-7	-7	4	2	3	-7	-7	-7	8
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	80	40	30	80	40	20	70	90	40	80
	90	60	70	20	60	90	80	-70	80	90
	80	-70	-70	-70	-70	-70	-70	90	-70	-70
	-70	40	50	50	10	50	20	-70	40	20
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	79	53	62	29	56	59	62	23	34	71
	1	2	9	3	9	4	8	3	7	-8
	-7	-7	-7	-7	-7	8	-7	-7	9	5
	-9	-6	8	-9	3	-7	5	1	-7	-7
Ans										

ORALS										
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REVISION

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

BEAD DRAWING

364

489

251

164

	1	2	3	4	5	6	7	8	9	10
Q	5	6	9	2	9	5	8	4	9	6
	4	5	1	8	6	3	7	5	-7	4
	7	4	-9	-7	5	8	5	2	8	-9
	-9	-7	3	5	-8	-7	-9	-8	-7	8
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	20	70	10	30	60	50	40	20	80	70
	80	80	90	70	40	50	90	80	90	30
	-90	-80	-90	-80	-70	-80	-30	-90	-80	-70
	70	20	50	70	30	50	-70	80	-50	50
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	78	78	45	26	39	62	34	66	88	47
	-7	7	-9	5	8	8	8	4	2	-7
	3	-8	-9	-7	-7	-8	-9	-9	-9	-8
	8	-9	1	5	-7	-9	5	-7	-8	-9
Ans										



Lesson-4: -6 / -60

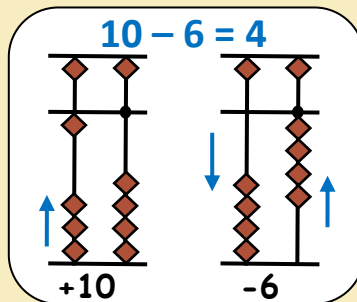
DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT 10	8		4		6			7		
		5		7		2	4		9	1

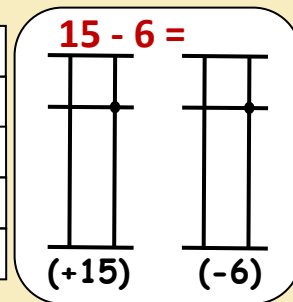
EXPLANATION



$$-6 = -10 + 4$$

$$-60 = -100 + 40$$

Draw



Warm up Exercise: $10 - 6$, $15 - 6$

Q	1	2	3	4	5	6	7	8	9	10
	1	4	9	8	5	2	6	9	7	1
	5	6	6	7	5	8	9	3	4	9
	-6	5	-6	5	9	-6	-6	-2	-1	-6
	9	-6	9	-6	-6	4	5	-6	-6	5
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	90	30	20	30	90	80	80	60	20	90
	60	60	80	70	-60	70	40	40	80	90
	-60	10	-60	-60	50	-60	-20	-60	-60	-80
	50	-60	20	50	10	90	-60	30	10	-60
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	25	47	54	11	34	79	43	75	87	75
	4	8	6	3	6	1	8	-6	-8	-6
	6	-6	5	6	5	-6	9	3	1	3
	-6	5	-6	-6	-6	3	-6	8	-6	8
Ans										

ORALS										
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Lesson-4: -5 / -50

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT

10

4

9

2

3

1

3

2

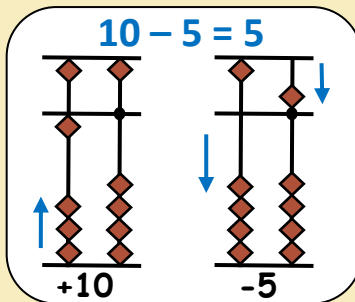
9

4

8

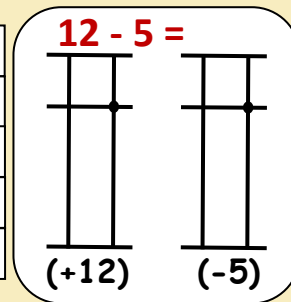
EXPLANATION

Draw



$-5 = -10 + 5$

$-50 = -100 + 50$



Warm up Exercise: 10-5, 11-5, 12-5, 13-5

	1	2	3	4	5	6	7	8	9	10
Q	2	4	9	3	7	9	2	5	3	6
	3	6	-5	8	5	4	8	5	7	5
	-5	-5	6	-5	-5	-5	-6	-5	-5	-5
	6	4	-5	3	3	5	7	4	4	4
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	40	80	70	90	30	20	90	40	60	90
	60	20	30	10	60	80	80	50	-50	90
	-50	50	20	-50	-50	-50	50	10	-10	-60
	40	-60	-50	40	90	20	-50	-50	60	-50
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	29	34	66	34	62	59	42	26	79	34
	5	9	-2	1	-5	1	-5	4	3	7
	6	-5	-5	-5	4	-5	-3	-5	8	9
	-5	-7	3	-5	8	-6	1	-2	-5	-5
Ans										

ORALS



Lesson-4: -4 / -40

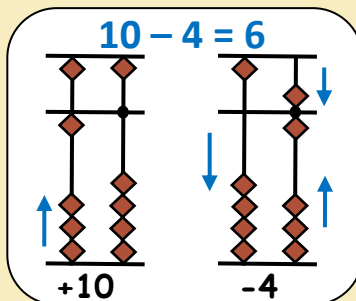
DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT 10	2		2		6			3		
		1		5		7	9		4	8

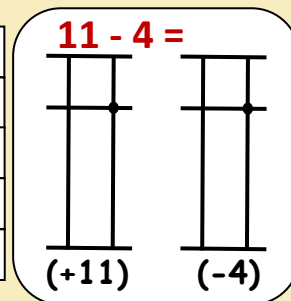
EXPLANATION



$-4 = -10 + 6$

$-40 = -100 + 60$

Draw



Warm up Exercise: 10-4, 11-4, 12-4, 13-4

Q	1	2	3	4	5	6	7	8	9	10
	6	5	1	3	7	9	3	8	8	7
	4	5	9	7	4	2	3	4	7	3
	-4	-4	-4	-4	2	-4	-4	-4	-4	-4
Q	3	2	-1	-5	-4	3	5	-4	-4	5
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	80	60	80	50	80	30	90	60	90	20
	90	-40	30	-40	40	70	-40	20	30	80
	-40	90	90	90	-40	-40	-40	-40	-40	-40
Q	-40	-40	-40	-40	50	20	30	50	-50	10
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	19	27	43	25	61	39	53	14	28	67
	7	5	8	1	2	-7	7	6	-4	5
	-2	-4	-4	-4	-4	-4	-4	-4	6	-4
Q	-4	-9	2	-4	8	5	-4	5	-4	3
Ans										

ORALS										
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REVISION

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

BEAD DRAWING

570

627

344

897

	1	2	3	4	5	6	7	8	9	10
Q	3	9	3	9	4	6	3	9	5	8
	7	6	8	1	4	4	4	-4	5	5
	5	-6	-5	-5	2	-5	8	5	3	9
	-6	2	2	4	-4	-1	-6	-4	-5	-5
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	30	40	80	90	80	30	50	60	30	80
	60	60	30	-50	80	70	50	40	30	50
	-40	-40	-50	60	-40	-60	-50	-60	50	-40
	-40	-50	20	-40	-40	40	30	-40	90	-50
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	19	47	34	73	47	53	67	83	62	65
	3	2	7	5	-4	7	5	-5	-2	-5
	8	1	9	-4	-4	-6	-4	-4	-6	-5
	-5	-5	-5	6	1	5	3	5	3	2
Ans										



Lesson-5: -3 / -30

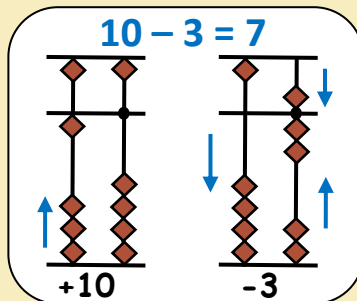
DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT 10	1		1		5			2		
		9		4		6	8		3	9

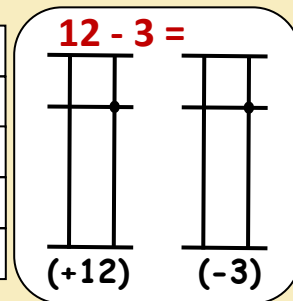
EXPLANATION



$$-3 = -10 + 7$$

$$-30 = -100 + 70$$

Draw



Warm up Exercise: 10-3, 11-3, 12-3

	1	2	3	4	5	6	7	8	9	10
Q	3	9	4	9	6	7	2	3	8	3
	7	1	6	2	5	3	3	9	3	3
	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
	2	-5	5	-3	-5	2	7	-6	1	-3
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	80	20	90	80	20	80	50	60	40	90
	30	30	60	70	30	20	-30	-30	60	-30
	90	-30	-30	-30	-30	-30	20	70	-30	-30
	-30	40	-30	20	20	-20	-30	-30	-10	10
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	19	32	29	32	54	47	28	68	71	70
	4	9	5	8	6	3	-3	-3	9	5
	7	-3	6	-3	-3	-3	-3	-3	-3	-3
	-3	4	-3	-3	2	-3	5	-2	-2	-3
Ans										

ORALS										
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Lesson-5: -2 / -20

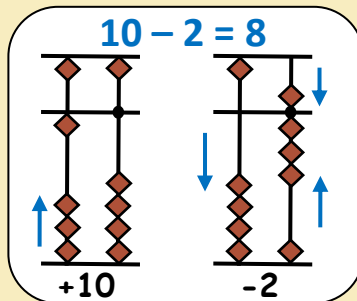
DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT 10	2		2		6			3		
		1		5		7	9		4	8

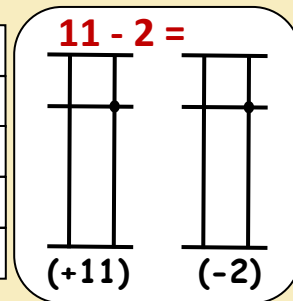
EXPLANATION



$$-2 = -10 + 8$$

$$-20 = -100 + 80$$

Draw



Warm up Exercise: 10-2, 11-2

Q	1	2	3	4	5	6	7	8	9	10
	8	6	1	3	4	8	9	6	2	4
	2	5	9	7	6	3	1	-2	8	1
	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
	1	-5	-3	-1	5	-7	-2	5	-2	1
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	10	80	60	40	60	30	70	90	80	70
	90	20	50	20	-20	50	-20	-30	20	30
	-20	-50	90	-20	50	-20	-20	-20	-20	-20
	-20	-20	-20	10	-20	-20	10	-10	10	-50
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	31	27	15	52	14	49	61	34	76	88
	9	3	-5	7	6	3	-2	-4	-2	-2
	-2	-2	1	1	-2	8	7	-2	6	-2
	4	-9	-2	-2	5	-2	4	1	-2	5
Ans										

ORALS										
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Lesson-5: -1 / -10

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT

10

6

3

2

7

4

9

1

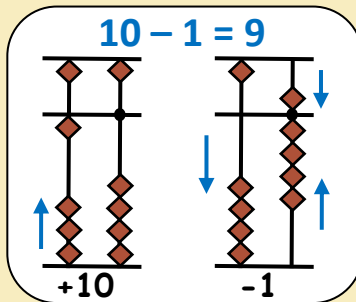
3

8

5

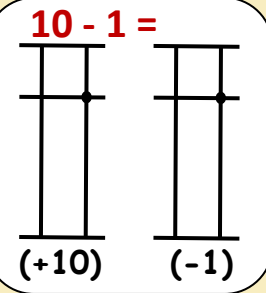
EXPLANATION

Draw



$$-1 = -10 + 9$$

$$-10 = -100 + 90$$



Warm up Exercise: 10-1

	1	2	3	4	5	6	7	8	9	10
Q	1	8	7	9	4	3	9	5	2	3
	9	2	3	2	6	8	2	-1	8	2
	-1	-1	-1	-1	-1	-1	-1	6	-1	-1
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	10	20	50	60	70	40	50	30	90	80
	90	80	-10	-10	30	60	50	20	10	20
	-10	-10	60	-10	-10	-10	-10	-10	-10	-10
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	32	54	71	65	38	70	93	52	87	26
	8	6	9	5	2	-1	8	8	3	4
	-1	-1	-2	-1	-1	2	-1	-1	-1	-1
	-6	-2	-1	-2	5	-4	-1	-3	-4	3
Ans										

ORALS

ABACUS LEVEL – 2A



REVISION

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

Q	1	2	3	4	5	6	7	8	9	10
	5	6	9	5	3	4	8	6	9	8
	5	4	1	-2	7	6	2	-3	3	5
	-3	-1	-2	7	-2	-3	-1	5	-3	-3
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	70	80	30	40	60	50	60	40	80	50
	30	20	80	70	90	-20	-30	40	90	40
	-20	-10	-10	-30	-30	80	70	20	-70	10
	10	50	-10	-20	10	-20	-30	-10	-20	-10
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	27	64	77	66	86	73	29	82	55	66
	3	5	8	4	5	8	1	8	5	-1
	-3	1	-3	-1	-1	-2	-3	-3	-2	-1
	2	-2	-3	2	-1	-6	5	2	-2	4
Ans										



Lesson-6: Combination +6 / +60

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT

10

1

3

5

8

2

4

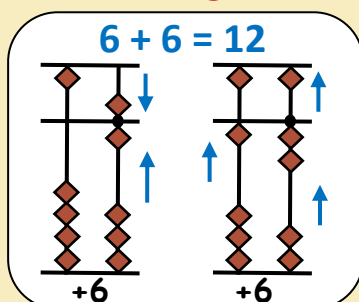
6

7

9

1

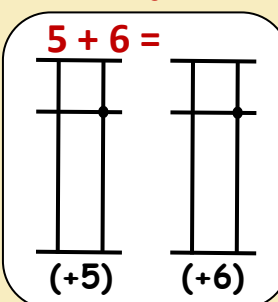
EXPLANATION



$$+6 = +1-5+10$$

$$+60 = +10-50+10$$

Draw



Warm up Exercise: 5+6, 6+6, 7+6, 8+6

	1	2	3	4	5	6	7	8	9	10
Q	3	5	7	4	8	6	9	2	4	2
	5	1	6	2	6	6	6	8	6	5
	6	6	5	6	3	8	6	6	5	6
	5	2	1	5	-2	4	3	6	6	6
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	20	60	80	90	30	50	40	70	80	20
	50	60	60	60	50	60	50	60	50	30
	60	-20	-40	60	60	-10	-40	-30	-30	60
	10	50	60	-10	-30	60	60	50	60	-10
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	21	53	19	15	72	43	64	85	27	15
	3	6	3	4	3	7	8	6	6	9
	6	6	4	6	6	6	6	5	5	6
	6	6	6	6	6	6	6	-6	-8	6
Ans										

ORALS



Lesson-6: Combination +7 / +70

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT

10

3

6

5

2

5

2

4

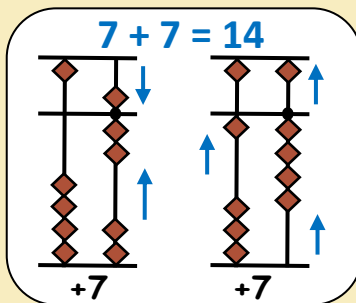
7

1

5

EXPLANATION

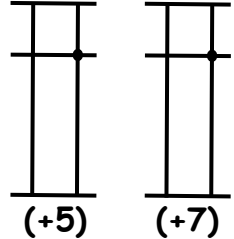
Draw



$$+7 = +2-5+10$$

$$+70 = +20-50+100$$

$$5 + 7 =$$



Warm up Exercise: 5+7, 6+7, 7+7

	1	2	3	4	5	6	7	8	9	10
Q	4	6	4	2	1	9	3	2	5	7
	1	7	7	3	6	8	7	4	7	7
	7	5	5	7	7	7	5	7	7	7
	2	-5	7	7	-3	4	7	5	-5	7
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	20	50	30	40	80	70	90	20	90	80
	50	70	50	10	70	70	70	30	-40	-30
	70	-20	70	70	70	50	70	70	70	70
	10	70	20	30	-20	-30	10	20	20	50
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	31	24	55	15	37	86	78	36	89	48
	6	5	7	7	7	7	7	7	-4	-3
	7	7	6	7	-4	-3	7	7	7	7
	5	7	6	-6	5	7	2	7	3	7
Ans										

ORALS



REVISION

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

Q	1	2	3	4	5	6	7	8	9	10
	7	5	3	6	4	8	9	6	5	7
	-2	2	5	-3	7	-4	7	6	6	7
	6	7	6	2	5	6	7	6	5	7
	3	5	-1	7	7	6	1	6	7	7
Ans										

Q	11	12	13	14	15	16	17	18	19	20
	50	60	20	40	70	20	50	90	50	80
	60	70	30	10	70	60	60	-40	10	60
	50	-30	70	60	-40	60	60	60	70	-40
	60	50	-20	-10	70	-30	-20	10	50	60
Ans										

Q	21	22	23	24	25	26	27	28	29	30
	19	45	55	79	42	17	15	39	66	49
	-6	4	6	6	3	3	7	6	7	7
	2	-3	6	6	6	6	8	7	5	7
	6	6	6	2	5	7	3	5	6	7
Ans										



Lesson-6: Combination +8 / +80

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT

10

2

1

2

4

7

4

3

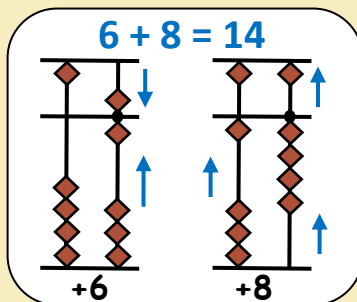
8

6

9

EXPLANATION

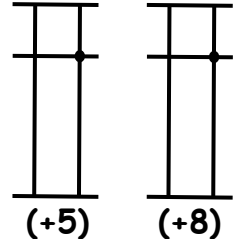
Draw



$+8 = +3-5+10$

$+80 = +30-50+100$

$5 + 8 =$



Warm up Exercise: 5+8, 6+8

	1	2	3	4	5	6	7	8	9	10
Q	1	6	5	4	7	4	5	6	1	8
	5	8	8	1	8	2	8	9	4	8
	8	5	1	8	8	8	8	8	8	8
	5	-3	5	5	-3	8	-1	-3	7	8
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	20	80	50	60	70	70	90	20	60	30
	30	80	80	80	-20	80	80	80	-10	50
	80	80	20	-20	80	80	-20	-50	80	80
	-30	-40	80	80	-20	-50	80	80	50	80
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	12	56	34	71	23	12	65	73	15	69
	7	8	2	4	6	3	8	4	8	-4
	6	8	8	8	7	8	-9	7	6	8
	8	1	5	8	8	8	-5	8	-9	5
Ans										

ORALS



Lesson-6: Combination +9 / +90

DATE :

TIME LIMIT : 8 Min

TIME TAKEN :

SUPPLEMENT

10

5

2

5

1

9

1

6

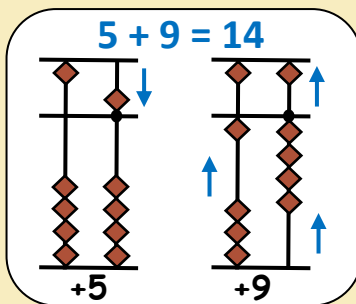
9

7

8

EXPLANATION

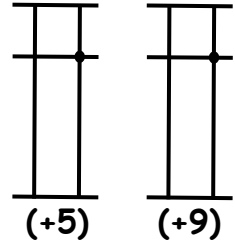
Draw



$+9 = +4-5+10$

$+90 = +40-50+100$

$5 + 9 =$



Warm up Exercise: 5+9

	1	2	3	4	5	6	7	8	9	10
Q	5	2	6	4	7	3	9	9	5	7
	9	3	9	1	-2	2	-4	6	9	9
	5	9	9	9	9	9	9	9	-3	-1
	-4	5	4	-4	9	2	8	9	9	9
Ans										

	11	12	13	14	15	16	17	18	19	20
Q	50	30	60	40	60	30	40	70	80	10
	90	30	-10	10	70	20	20	90	-30	90
	-20	90	90	90	-30	90	-10	-10	90	90
	90	90	90	-10	90	-40	90	90	10	90
Ans										

	21	22	23	24	25	26	27	28	29	30
Q	12	56	34	15	69	41	32	27	18	15
	7	-1	1	9	1	3	4	-2	7	9
	4	9	9	6	5	1	9	9	9	6
	9	3	5	9	9	9	9	9	-5	-2
Ans										

ORALS