

Playing DAMATHS

A. GAMES FOR DAMATHS COMPETITIONS:

Levels	Grades	-	Contents
Level 1	Grades I – II	-	Counting Numbers
Level 2	Grades III – IV	-	Whole Numbers
Level 3	Grades V – VI	-	Positive Fractions
Level 4	First Year	-	Integers
Level 5	Second Year	-	Signed Fractions
Level 6	Third Year	-	Radical Damath
Level 7	Fourth Year	-	Polynomial Damath

B. POSITIONS OF CHIPS: (Elementary Level)

CHIP NUMBERS				
Level I	Level II	Level III	BLUE CHIPS	RED CHIPS
1	0	1/10	(1 , 2)	(6 , 5)
2	1	2/10	(3 , 2)	(4 , 5)
3	2	3/10	(5 , 2)	(2 , 5)
4	3	4/10	(7 , 2)	(0 , 5)
5	4	5/10	(0 , 1)	(7 , 6)
6	5	6/10	(2 , 1)	(5 , 6)
7	6	7/10	(4 , 1)	(3 , 6)
8	7	8/10	(6 , 1)	(1 , 6)
9	8	9/10	(1 , 0)	(6 , 7)
10	9	10/10	(3 , 0)	(4 , 7)
11	10	11/10	(5 , 0)	(2 , 7)
12	11	12/10	(7 , 0)	(0 , 7)

POSITIONS OF CHIPS: (Secondary Level)

CHIP NUMBERS				For 4 th Year Only, Blue & Red Chips	
1 st Year	2 nd Year	3 rd Year	4 th Year	BLUE CHIPS	RED CHIPS
0	0/10	4√18	6x	(5 , 2)	(2 , 5)
-1	-1/10	-√8	-xy ²	(3 , 2)	(4 , 5)
2	2/10	16√32	10y	(7 , 2)	(0 , 5)
-3	-3/10	-9√2	-3x ² y	(1 , 2)	(6 , 5)
4	4/10	36√32	28y	(4 , 1)	(3 , 6)
-5	-5/10	-25√18	-15x	(2 , 1)	(5 , 6)
6	6/10	64√2	36x ² y	(6 , 1)	(1 , 6)
-7	-7/10	-49√8	-21xy ²	(0 , 1)	(7 , 6)
8	8/10	100√2	66x ² y	(5 , 0)	(2 , 7)
-9	-9/10	-81√32	-45y	(3 , 0)	(4 , 7)
10	10/10	144√8	78xy ²	(7 , 0)	(0 , 7)
-11	-11/10	-121√18	-55x	(1 , 0)	(6 , 7)

The DAMATH Board

(For 1st Year, 2nd Year & 3rd Year ONLY)

	0	1	2	3	4	5	6	7	
7	X		÷		-		+		7
6		÷		X		+		-	6
5	-		+		X		÷		5
4		+		-		÷		X	4
3	X		÷		-		+		3
2		÷		X		+		-	2
1	-		+		X		÷		1
0		+		-		÷		X	0
	0	1	2	3	4	5	6	7	

The DAMATH Board

(For 4th Year ONLY – Polynomial Damath)

	7	6	5	4	3	2	1	0	
7	X		÷		-		+		0
6		÷		X		+		-	1
5	-		+		X		÷		2
4		+		-		÷		X	3
3	X		÷		-		+		4
2		÷		X		+		-	5
1	-		+		X		÷		6
0		+		-		÷		X	7
	0	1	2	3	4	5	6	7	

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