

DATE:

# KIDZ N BRAINZ

2nd level VEDIC MATHS COMPETITION MODEL PAPER-1

Division by 9

Time:

Marks:

1	9	56	
2	9	47	
3	9	85	
4	9	86	
5	9	24	
6	9	73	

7	9	774	
8	9	145	
9	9	897	
10	9	834	
11	9	563	
12	9	354	

13	9	1973	
14	9	2846	
15	9	7496	
16	9	7684	
17	9	1458	
18	9	987	

19	9	1698	
20	9	4795	
21	9	1414	
22	9	1789	
23	9	1369	
24	9	2569	

Divisibility test

Time:

Marks:

	Number	by	divisibility
1	98076	2	
2	33950	2	
3	538248	2	
4	182799	3	
5	473821	3	
6	7353	3	
7	324273	4	
8	23276	4	
9	413272	4	
10	3535	5	
11	48960	5	
12	5593	5	

	Number	by	divisibility
13	538987	6	
14	812763	6	
15	36169	6	
16	413272	8	
17	1494	8	
18	2178	8	
19	182799	9	
20	98076	9	
21	189	9	
22	3927	11	
23	50259	11	
24	432198	11	

DATE:

# KIDZ N BRAINZ

2nd level VEDIC MATHS COMPETITION

MODEL PAPER-2

Division by 9

Time:

Marks:

1	9	99
2	9	34
3	9	45
4	9	27
5	9	72
6	9	36

7	9	543
8	9	256
9	9	189
10	9	654
11	9	145
12	9	108

13	9	2184
14	9	6352
15	9	3663
16	9	2781
17	9	3788
18	9	5634

19	9	7353
20	9	4321
21	9	7369
22	9	2974
23	9	1414
24	9	7586

Divisibility test

Time:

Marks:

	Number	by	divisibility
1	43592	2	
2	65224	2	
3	65409	2	
4	98076	3	
5	498	3	
6	3788	3	
7	4344	4	
8	5432154	4	
9	6574602	4	
10	854555	5	
11	96545	5	
12	36258	5	

	Number	by	divisibility
13	345621	6	
14	36169	6	
15	6352	6	
16	21416	8	
17	7158	8	
18	328886	8	
19	572	9	
20	111	9	
21	3663	9	
22	954678	11	
23	3927	11	
24	63215	11	

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## 2nd level VEDIC MATHS COMPETITION MODEL PAPER-3

Time:

Marks:

1	9   58	7	9   654	13	9   1369	19	9   2545
2	9   99	8	9   987	14	9   1789	20	9   9999
3	9   68	9	9   777	15	9   1987	21	9   2539
4	9   79	10	9   723	16	9   1414	22	9   5938
5	9   53	11	9   950	17	9   2846	23	9   6987
6	9   49	12	9   148	18	9   7496	24	9   1258

Time:

Marks:

	Number	by	divisibility
1	54622	2	
2	65885	2	
3	58624	2	
4	8640153	3	
5	257	3	
6	6578	3	
7	60009	4	
8	5200	4	
9	464	4	
10	5255	5	
11	36580	5	
12	456922	5	

	Number	by	divisibility
13	368	6	
14	6578	6	
15	8640153	6	
16	8264	8	
17	7576476	8	
18	328886	8	
19	12123	9	
20	257	9	
21	5433412	9	
22	1111	11	
23	3214	11	
24	722733	11	

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## 2nd level VEDIC MATHS COMPETITION MODEL PAPER-4

Time:

Marks:

1	9   36 _____	7	9   126 _____	13	9   5695 _____	19	9   1987 _____
2	9   18 _____	8	9   834 _____	14	9   1235 _____	20	9   1258 _____
3	9   38 _____	9	9   246 _____	15	9   3986 _____	21	9   6987 _____
4	9   92 _____	10	9   774 _____	16	9   4684 _____	22	9   9678 _____
5	9   65 _____	11	9   712 _____	17	9   9678 _____	23	9   1397 _____
6	9   45 _____	12	9   864 _____	18	9   1789 _____	24	9   5963 _____

Time:

Marks:

	Number	by	divisibility
1	352469	2	
2	397482	2	
3	535496	2	
4	768511	3	
5	189	3	
6	426	3	
7	63922	4	
8	45	4	
9	5368	4	
10	25253	5	
11	48886	5	
12	9555	5	

	Number	by	divisibility
13	234222	6	
14	13482	6	
15	102	6	
16	8998912	8	
17	63922	8	
18	4344	8	
19	812763	9	
20	256	9	
21	2781	9	
22	432156	11	
23	5973	11	
24	67543	11	

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## 2nd level VEDIC MATHS COMPETITION MODEL PAPER-5

Time:

Marks:

1	9	78
2	9	24
3	9	53
4	9	85
5	9	96
6	9	44

7	9	894
8	9	196
9	9	774
10	9	854
11	9	432
12	9	653

13	9	7345
14	9	9678
15	9	7585
16	9	8372
17	9	4385
18	9	7684

19	9	1975
20	9	9696
21	9	4795
22	9	2573
23	9	1458
24	9	2599

Time:

Marks:

	Number	by	divisibility
1	3335	2	
2	1108	2	
3	8586	2	
4	34	3	
5	12123	3	
6	7369	3	
7	4832	4	
8	393	4	
9	63922	4	
10	543250	5	
11	8586	5	
12	458020	5	

	Number	by	divisibility
13	6352	6	
14	5433412	6	
15	222	6	
16	1000092	8	
17	1190	8	
18	5200	8	
19	36169	9	
20	12123	9	
21	13482	9	
22	8998912	11	
23	5432154	11	
24	596	11	

square roots		Time	marks	sc		
1	$\sqrt{121} =$	9	$\sqrt{6561} =$	17	$\sqrt{2704} =$	1
2	$\sqrt{1024} =$	10	$\sqrt{7921} =$	18	$\sqrt{5625} =$	2
3	$\sqrt{225} =$	11	$\sqrt{9604} =$	19	$\sqrt{8649} =$	3
4	$\sqrt{1296} =$	12	$\sqrt{100} =$	20	$\sqrt{3721} =$	4
5	$\sqrt{1600} =$	13	$\sqrt{961} =$	21	$\sqrt{324} =$	5
6	$\sqrt{1849} =$	14	$\sqrt{1444} =$	22	$\sqrt{484} =$	6
7	$\sqrt{2304} =$	15	$\sqrt{1936} =$	23	$\sqrt{289} =$	7
8	$\sqrt{4761} =$	16	$\sqrt{2500} =$	24	$\sqrt{729} =$	8

cube roots		Time	marks	ct		
1	$^3\sqrt{1331}$	9	$^3\sqrt{474552}$	17	$^3\sqrt{39304}$	1
2	$^3\sqrt{3375}$	10	$^3\sqrt{614125}$	18	$^3\sqrt{205379}$	2
3	$^3\sqrt{10648}$	11	$^3\sqrt{778688}$	19	$^3\sqrt{166375}$	3
4	$^3\sqrt{15625}$	12	$^3\sqrt{4913}$	20	$^3\sqrt{970299}$	4
5	$^3\sqrt{27000}$	13	$^3\sqrt{21952}$	21	$^3\sqrt{8000}$	5
6	$^3\sqrt{157464}$	14	$^3\sqrt{117649}$	22	$^3\sqrt{68921}$	6
7	$^3\sqrt{103823}$	15	$^3\sqrt{59319}$	23	$^3\sqrt{343000}$	7
8	$^3\sqrt{314432}$	16	$^3\sqrt{357911}$	24	$^3\sqrt{226981}$	8

**paper 2**

**square roots**

**Time**

**marks**

**sc**

$\sqrt{2116} =$	9 $\sqrt{400} =$	17 $\sqrt{1521} =$	1
$\sqrt{144} =$	10 $\sqrt{1764} =$	18 $\sqrt{529} =$	2
$\sqrt{1225} =$	11 $\sqrt{4225} =$	19 $\sqrt{196} =$	3
$\sqrt{3249} =$	12 $\sqrt{9216} =$	20 $\sqrt{900} =$	4
$\sqrt{4489} =$	13 $\sqrt{5184} =$	21 $\sqrt{4900} =$	5
$\sqrt{8281} =$	14 $\sqrt{3364} =$	22 $\sqrt{8836} =$	6
$\sqrt{6889} =$	15 $\sqrt{289} =$	23 $\sqrt{289} =$	7
$\sqrt{169} =$	16 $\sqrt{2196} =$	24 $\sqrt{5041} =$	8

**cube roots**

**Time**

**marks**

**sc**

$\sqrt[3]{1728}$	9 $\sqrt[3]{912673}$	17 $\sqrt[3]{91125}$	1
$\sqrt[3]{5832}$	10 $\sqrt[3]{1000}$	18 $\sqrt[3]{373324}$	2
$\sqrt[3]{13824}$	11 $\sqrt[3]{9261}$	19 $\sqrt[3]{941192}$	3
$\sqrt[3]{32768}$	12 $\sqrt[3]{46656}$	20 $\sqrt[3]{2197}$	4
$\sqrt[3]{79507}$	13 $\sqrt[3]{85184}$	21 $\sqrt[3]{132651}$	5
$\sqrt[3]{54872}$	14 $\sqrt[3]{125000}$	22 $\sqrt[3]{438976}$	6
$\sqrt[3]{250047}$	15 $\sqrt[3]{571787}$	23 $\sqrt[3]{238328}$	7
$\sqrt[3]{140608}$	16 $\sqrt[3]{42875}$	24 $\sqrt[3]{216000}$	8

**paper 3**

**quare roots**

**Time**

**marks**

**sq**

$\sqrt{256} =$	9 $\sqrt{10000} =$	17 $\sqrt{7056} =$	1
$\sqrt{1089} =$	10 $\sqrt{285} =$	18 $\sqrt{9801} =$	2
$\sqrt{625} =$	11 $\sqrt{1681} =$	19 $\sqrt{361} =$	3
$\sqrt{2209} =$	12 $\sqrt{2401} =$	20 $\sqrt{1156} =$	4
$\sqrt{4356} =$	13 $\sqrt{3969} =$	21 $\sqrt{3136} =$	5
$\sqrt{5329} =$	14 $\sqrt{3481} =$	22 $\sqrt{8464} =$	6
$\sqrt{5952} =$	15 $\sqrt{5476} =$	23 $\sqrt{841} =$	7
$\sqrt{7569} =$	16 $\sqrt{6241} =$	24 $\sqrt{2025} =$	8

**cube roots**

**Time**

**marks**

**cu**

$\sqrt[3]{2144}$	9 $\sqrt[3]{50653}$	17 $\sqrt[3]{166375}$	1
$\sqrt[3]{6859}$	10 $\sqrt[3]{64000}$	18 $\sqrt[3]{12167}$	2
$\sqrt[3]{17576}$	11 $\sqrt[3]{91125}$	19 $\sqrt[3]{97336}$	3
$\sqrt[3]{24389}$	12 $\sqrt[3]{148877}$	20 $\sqrt[3]{287496}$	4
$\sqrt[3]{185193}$	13 $\sqrt[3]{658503}$	21 $\sqrt[3]{753571}$	5
$\sqrt[3]{729000}$	14 $\sqrt[3]{262144}$	22 $\sqrt[3]{4096}$	6
$\sqrt[3]{884736}$	15 $\sqrt[3]{857375}$	23 $\sqrt[3]{19683}$	7
$\sqrt[3]{35937}$	16 $\sqrt[3]{74088}$	24 $\sqrt[3]{175616}$	8



**paper 4**

**square roots**

**Time**

**marks**

**sc**

$\sqrt{441} =$	9 $\sqrt{4096} =$	17 $\sqrt{9025} =$	1
$\sqrt{576} =$	10 $\sqrt{3025} =$	18 $\sqrt{7744} =$	2
$\sqrt{676} =$	11 $\sqrt{4624} =$	19 $\sqrt{8100} =$	3
$\sqrt{784} =$	12 $\sqrt{5776} =$	20 $\sqrt{1681} =$	4
$\sqrt{1369} =$	13 $\sqrt{6084} =$	21 $\sqrt{2025} =$	5
$\sqrt{2610} =$	14 $\sqrt{6724} =$	22 $\sqrt{4761} =$	6
$\sqrt{2809} =$	15 $\sqrt{7396} =$	23 $\sqrt{5041} =$	7
$\sqrt{3600} =$	16 $\sqrt{6400} =$	24 $\sqrt{1089} =$	8

**cube roots**

**Time**

**marks**

**cu**

$\sqrt[3]{29791}$	9 $\sqrt[3]{405224}$	17 $\sqrt[3]{592704}$	1
$\sqrt[3]{110592}$	10 $\sqrt[3]{456533}$	18 $\sqrt[3]{17576}$	2
$\sqrt[3]{195112}$	11 $\sqrt[3]{681472}$	19 $\sqrt[3]{57872}$	3
$\sqrt[3]{274625}$	12 $\sqrt[3]{830584}$	20 $\sqrt[3]{74088}$	4
$\sqrt[3]{300763}$	13 $\sqrt[3]{53441}$	21 $\sqrt[3]{110592}$	5
$\sqrt[3]{328509}$	14 $\sqrt[3]{636056}$	22 $\sqrt[3]{970299}$	6
$\sqrt[3]{389017}$	15 $\sqrt[3]{551368}$	23 $\sqrt[3]{226981}$	7
$\sqrt[3]{493039}$	16 $\sqrt[3]{704969}$	24 $\sqrt[3]{778688}$	8

square roots

Time

marks

$\sqrt{225} =$	9 $\sqrt{3481} =$	17 $\sqrt{285} =$
$\sqrt{484} =$	10 $\sqrt{4225} =$	18 $\sqrt{625} =$
$\sqrt{841} =$	11 $\sqrt{5329} =$	19 $\sqrt{3249} =$
$\sqrt{1156} =$	12 $\sqrt{7056} =$	20 $\sqrt{7569} =$
$\sqrt{1521} =$	13 $\sqrt{9801} =$	21 $\sqrt{8836} =$
$\sqrt{1849} =$	14 $\sqrt{8464} =$	22 $\sqrt{1296} =$
$\sqrt{2304} =$	15 $\sqrt{6889} =$	23 $\sqrt{289} =$
$\sqrt{2916} =$	16 $\sqrt{1936} =$	24 $\sqrt{3844} =$

cube roots

Time

marks

$^3\sqrt{493039}$	9 $^3\sqrt{32768}$	17 $^3\sqrt{6859}$
$^3\sqrt{571787}$	10 $^3\sqrt{274625}$	18 $^3\sqrt{15625}$
$^3\sqrt{512000}$	11 $^3\sqrt{456533}$	19 $^3\sqrt{405224}$
$^3\sqrt{357911}$	12 $^3\sqrt{857375}$	20 $^3\sqrt{729000}$
$^3\sqrt{592704}$	13 $^3\sqrt{125000}$	21 $^3\sqrt{912673}$
$^3\sqrt{85184}$	14 $^3\sqrt{195112}$	22 $^3\sqrt{103823}$
$^3\sqrt{551368}$	15 $^3\sqrt{636056}$	23 $^3\sqrt{24389}$
$^3\sqrt{148877}$	16 $^3\sqrt{46656}$	24 $^3\sqrt{1000000}$