



# Dikshant Institute

## Tables

11	12	13	14	15	16	17	18	19	20
22	24	26	28	30	32	34	36	38	40
33	36	39	42	45	48	51	54	57	60
44	48	52	56	60	64	68	72	76	80
55	60	65	70	75	80	85	90	95	100
66	72	78	84	90	96	102	108	114	120
77	84	91	98	105	112	119	126	133	140
88	96	104	112	120	128	136	144	152	160
99	108	117	126	135	144	153	162	171	180
100	120	130	140	150	160	170	180	190	200

21	22	23	24	25	26	27	28	29	30
42	44	46	48	50	52	54	56	58	60
63	66	69	72	75	78	81	84	87	90
84	88	92	96	100	104	108	112	116	120
105	110	115	120	125	130	135	140	145	150
126	132	138	144	150	156	162	168	174	180
147	154	161	168	175	182	189	196	203	210
168	176	184	192	200	208	216	224	232	240
189	198	207	216	225	234	243	252	261	270
210	220	230	240	250	260	270	280	290	300

31	32	33	34	35	36	37	38	39	40
62	64	66	68	70	72	74	76	78	80
93	96	99	102	105	108	111	114	117	120
124	128	132	136	140	144	148	152	156	160
155	160	165	170	175	180	185	190	195	200
186	192	198	204	210	216	222	228	234	240
217	224	231	238	245	252	259	266	273	280
248	256	264	272	280	288	296	304	312	320
279	288	297	306	315	324	333	342	351	360
310	320	330	340	350	360	370	380	390	400

## Pythagorean Triplets

(3, 4, 5)	(5, 12, 13)	(7, 24, 25)	(8, 15, 17)
(9, 40, 41)	(11, 60, 61)	(12, 35, 37)	(13, 84, 85)
(16, 63, 65)	(20, 21, 29)	(28, 45, 53)	(33, 56, 65)
(36, 77, 85)	(39, 80, 89)	(48, 55, 73)	(65, 72, 97)

## Squares

1	1	11	121	21	441	31	961	41	1681
2	4	12	144	22	484	32	1024	42	1764
3	9	13	169	23	529	33	1089	43	1849
4	16	14	196	24	576	34	1156	44	1936
5	25	15	225	25	625	35	1225	45	2025
6	36	16	256	26	676	36	1296	46	2116
7	49	17	289	27	729	37	1369	47	2209
8	64	18	324	28	784	38	1444	48	2304
9	81	19	361	29	841	39	1521	49	2401
10	100	20	400	30	900	40	1600	50	2500



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## Cubes

1	1	11	1331	21	9261
2	8	12	1728	22	10648
3	27	13	2197	23	12167
4	64	14	2744	24	13824
5	125	15	3375	25	15625
6	216	16	4096	26	17576
7	343	17	4913	27	19683
8	512	18	5832	28	21952
9	729	19	6859	29	24389
10	1000	20	8000	30	27000

## Powers

$2^1$	2	$3^1$	3	$4^1$	4	$5^1$	5
$2^2$	4	$3^2$	9	$4^2$	16	$5^2$	25
$2^3$	8	$3^3$	27	$4^3$	64	$5^3$	125
$2^4$	16	$3^4$	81	$4^4$	256	$5^4$	625
$2^5$	32	$3^5$	243	$4^5$	1024	$5^5$	3125
$2^6$	64	$3^6$	729	$4^6$	4096	$5^6$	15625
$2^7$	128	$3^7$	2187	$4^7$	16384	$5^7$	78125
$2^8$	256	$3^8$	6561	$4^8$	65536	$5^8$	390625
$2^9$	512	$3^9$	19683	$4^9$	262144	$5^9$	1953125
$2^{10}$	1024	$3^{10}$	59049	$4^{10}$	1048576	$5^{10}$	9765625

$6^1$	6	$7^1$	7	$8^1$	8	$9^1$	9
$6^2$	36	$7^2$	49	$8^2$	64	$9^2$	81
$6^3$	216	$7^3$	343	$8^3$	512	$9^3$	729
$6^4$	1296	$7^4$	2401	$8^4$	4096	$9^4$	6561
$6^5$	7776	$7^5$	16807	$8^5$	32768	$9^5$	59049
$6^6$	46656	$7^6$	117649	$8^6$	262144	$9^6$	531441
$6^7$	279936	$7^7$	823543	$8^7$	2097152	$9^7$	4782969
$6^8$	1679616	$7^8$	5764801	$8^8$	16777216	$9^8$	43046721
$6^9$	10077696	$7^9$	40353607	$8^9$	134217728	$9^9$	387420489

## Fraction to Percentage Conversion

1/1	100.00%	1/11	9.09%	1/21	4.76%
1/2	50.00%	1/12	8.33%	1/22	4.55%
1/3	33.33%	1/13	7.69%	1/23	4.35%
1/4	25.00%	1/14	7.14%	1/24	4.17%
1/5	20.00%	1/15	6.67%	1/25	4.00%
1/6	16.67%	1/16	6.25%	1/26	3.85%
1/7	14.29%	1/17	5.88%	1/27	3.70%
1/8	12.50%	1/18	5.56%	1/28	3.57%
1/9	11.11%	1/19	5.26%	1/29	3.45%
1/10	10.00%	1/20	5.00%	1/30	3.33%

1/31	2.38%	1/41	1.92%	5/6	83.33%
2/1	2.33%	1/42	1.89%	3/8	37.50%
2/2	2.27%	1/43	1.85%	5/8	62.50%
2/3	2.22%	1/44	1.82%	4/7	57.14%
2/4	2.17%	1/45	1.79%	5/7	71.43%
2/5	2.13%	1/46	1.75%		
2/6	2.08%	1/47	1.72%		
2/7	2.04%	1/48	1.69%		
2/8	2.00%	1/49	1.67%		
2/9	1.96%	1/50	1.64%		