

A poster for the mathematics classroom

576	14	22	17	19	15	9	5	7	2	12	4	573	565	575	570	572	568	562	558	560	555	11	553
313	251	243	248	246	250	256	260	258	263	253	261	316	324	314	319	317	321	327	331	329	334	254	336
505	59	294	538	56	424	476	378	171	239	133	69	525	356	400	507	452	160	195	44	280	99	515	49
385	179	58	296	534	380	426	472	143	181	219	189	405	37	282	104	349	402	512	445	162	200	395	169
433	131	536	54	298	474	376	428	229	123	191	141	453	455	150	202	47	270	106	359	390	514	443	121
337	227	184	236	138	291	551	61	414	466	368	237	357	352	387	524	448	147	212	40	267	116	347	217
193	371	140	186	232	71	301	531	370	416	462	381	213	42	272	109	354	392	517	450	152	205	203	361
97	467	234	136	188	541	51	311	464	366	418	477	117	438	154	215	30	274	119	342	394	527	107	457
145	419	411	479	373	174	226	128	304	548	66	429	165	339	404	520	435	164	208	27	284	112	155	409
25	539	383	421	459	130	176	222	68	306	544	549	45	32	277	114	344	397	522	440	157	210	35	529
265	299	469	363	431	224	126	178	546	64	308	309	285	442	167	198	34	287	102	346	407	510	275	289
73	491	483	488	486	490	496	500	498	503	493	501	93	85	95	90	92	88	82	78	80	75	83	481
504	86	502	497	499	495	489	485	487	482	492	484	76	84	74	79	77	81	87	91	89	94	494	96
312	278	530	295	60	425	190	473	122	463	142	292	268	273	194	343	341	207	355	353	214	214	302	288
552	38	420	185	550	290	55	223	382	233	362	532	28	33	269	523	434	101	43	454	108	519	542	48
432	158	310	50	415	180	545	137	458	127	478	412	148	159	163	271	386	161	406	156	389	393	422	168
480	110	175	540	305	70	410	367	238	377	218	460	100	111	113	521	286	26	516	31	439	441	470	120
384	206	65	430	170	535	300	471	365	235	129	364	196	201	437	151	506	276	46	401	115	351	374	216
240	350	173	423	187	417	221	139	297	468	375	220	340	447	403	41	36	526	266	511	149	105	230	360
144	446	547	57	533	63	465	372	231	125	307	124	436	399	103	396	166	391	146	281	449	153	134	456
192	398	413	183	427	177	135	293	475	369	228	172	388	513	444	29	118	451	509	98	283	39	182	408
72	518	67	537	53	543	379	225	132	303	461	52	508	348	358	209	211	345	197	199	338	279	62	528
241	323	262	257	259	255	249	245	247	242	252	244	333	325	335	330	332	328	322	318	320	315	326	264
24	566	3	8	6	10	16	20	18	23	13	21	556	564	554	559	557	561	567	571	569	574	563	1

A Magic Square of Order 24

With inlaid order 9 squares from others in this series

Quadrant 1

(Top-Left) from Inlaid 24 Composite.doc

Quadrant 3

(Bottom-left) from Inlaid 24 Overlap 1.doc
(reflected vertically)

Quadrant 2

(Top-right) from Inlaid 24 pan 9.doc (reflected horizontally)

Quadrant 4

(Bottom-right) from Inlaid poster 1.doc

NOTE that the order 24 inlaid magic squares in this series all use the same ‘frame’.

You may construct your custom inlaid magic square by using this frame and inserting ‘quadrant’ order 9 inlays from any other of these squares. Each inlay may also be rotated or reflected as you wish.

The only stipulation is that the inlay you insert in the frame **MUST** be placed in the same location in the new square.

This example square was composed by Harvey D. Heinz

John Robert Hendricks