A list of Anomalous Cancellations

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Lots and Lots of Anomalous Cancellations

By Shalosh B. Ekhad

In this book, you will find listed all the anomalous cancellation where the denominator has up to , 3, digits and one digit in the numerator and one in the denominator, that must be the same, gets cancelled, and you still get something correct!

Chapter 1 : The denominator has 2 digits

Section 1

All the Anomalous Cancellations with the denominator with, 2,

digits, and where the , 1, -th digit of the numerator

is cancelled out with the, 0, -th digit of the denominator

denominator= 26

$\frac{\cancel{6}5}{2\cancel{6}} = \frac{5}{2}$

Section 2

All the Anomalous Cancellations with the denominator with, 2,

digits, and where the , 1, -th digit of the numerator

is cancelled out with the, 1, -th digit of the denominator

denominator= 64

$\frac{1\cancel{6}0}{\cancel{6}4} = \frac{10}{4}$

Chapter 2 : The denominator has 3 digits

Section 1

All the Anomalous Cancellations with the denominator with, 3,

digits, and where the , 1, -th digit of the numerator is cancelled out with the, 0, -th digit of the denominator

denominator= 106

$\frac{26\cancel{6}5}{10\cancel{6}} = \frac{25}{10}$

denominator= 146

$\frac{36\cancel{6}5}{14\cancel{6}} = \frac{35}{14}$

denominator= 186

$\frac{46\cancel{6}5}{18\cancel{6}} = \frac{45}{18}$

denominator= 217

$\frac{77\cancel{7}5}{21\cancel{7}} = \frac{75}{21}$

denominator= 222

$\frac{122\cancel{2}1}{22\cancel{2}} = \frac{121}{22}$

denominator= 226

$\frac{56\cancel{6}5}{22\cancel{6}} = \frac{55}{22}$

denominator= 244

$\frac{134\cancel{4}2}{24\cancel{4}} = \frac{132}{24}$

denominator= 248

$\frac{108\cancel{8}5}{24\cancel{8}} = \frac{105}{24}$

denominator= 266

$\frac{66\cancel{6}5}{26\cancel{6}} = \frac{65}{26}$

$\frac{146\cancel{6}3}{26\cancel{6}} = \frac{143}{26}$

$\frac{226\cancel{6}1}{26\cancel{6}} = \frac{221}{26}$

denominator= 288

$\frac{158\cancel{8}4}{28\cancel{8}} = \frac{154}{28}$

denominator= 305

$\frac{85\not{4}}{30\not{5}} = \frac{84}{30}$

$\frac{195\not{2}}{30\not{5}} = \frac{192}{30}$

denominator$= 306$

$\frac{76\not{5}}{30\not{6}} = \frac{75}{30}$

denominator$= 346$

$\frac{86\not{5}}{34\not{6}} = \frac{85}{34}$

denominator$= 357$

$\frac{127\not{5}}{35\not{7}} = \frac{125}{35}$

denominator$= 386$

$\frac{96\not{5}}{38\not{6}} = \frac{95}{38}$

denominator$= 408$

$\frac{178\not{5}}{40\not{8}} = \frac{175}{40}$

denominator$= 422$

$\frac{232\not{1}}{42\not{2}} = \frac{231}{42}$

denominator$= 426$

$\frac{106\not{5}}{42\not{6}} = \frac{105}{42}$

denominator$= 427$

$\frac{97\not{6}}{42\not{7}} = \frac{96}{42}$

$\frac{207\not{4}}{42\not{7}} = \frac{204}{42}$

$\frac{317\not{2}}{42\not{7}} = \frac{312}{42}$

denominator$= 444$

$\frac{144\not{3}}{44\not{4}} = \frac{143}{44}$

$\frac{244\not{2}}{44\not{4}} = \frac{242}{44}$

$\frac{344\not{1}}{44\not{4}} = \frac{341}{44}$

denominator= 466

$\frac{116\not{6}5}{466\not{6}} = \frac{115}{46}$

$\frac{256\not{6}3}{466\not{6}} = \frac{253}{46}$

$\frac{396\not{6}1}{466\not{6}} = \frac{391}{46}$

denominator= 488

$\frac{158\not{8}6}{488\not{8}} = \frac{156}{48}$

$\frac{268\not{8}4}{488\not{8}} = \frac{264}{48}$

$\frac{378\not{8}2}{488\not{8}} = \frac{372}{48}$

denominator= 497

$\frac{177\not{7}5}{497\not{7}} = \frac{175}{49}$

denominator= 506

$\frac{126\not{6}5}{506\not{6}} = \frac{125}{50}$

denominator= 546

$\frac{136\not{6}5}{546\not{6}} = \frac{135}{54}$

denominator= 555

$\frac{155\not{5}4}{555\not{5}} = \frac{154}{55}$

$\frac{255\not{5}3}{555\not{5}} = \frac{253}{55}$

$\frac{355\not{5}2}{555\not{5}} = \frac{352}{55}$

$\frac{455\not{5}1}{555\not{5}} = \frac{451}{55}$

denominator= 568

$\frac{248\not{8}5}{568\not{8}} = \frac{245}{56}$

denominator= 586

$\frac{146\not{6}5}{586\not{6}} = \frac{145}{58}$

denominator= 622

$\frac{342\cancel{2}1}{622\cancel{2}} = \frac{341}{62}$

denominator$= 626$

$\frac{156\cancel{6}5}{626\cancel{6}} = \frac{155}{62}$

denominator$= 637$

$\frac{227\cancel{7}5}{637\cancel{7}} = \frac{225}{63}$

denominator$= 644$

$\frac{354\cancel{4}2}{644\cancel{4}} = \frac{352}{64}$

denominator$= 666$

$\frac{166\cancel{6}5}{666\cancel{6}} = \frac{165}{66}$

$\frac{366\cancel{6}3}{666\cancel{6}} = \frac{363}{66}$

$\frac{566\cancel{6}1}{666\cancel{6}} = \frac{561}{66}$

denominator$= 688$

$\frac{378\cancel{8}4}{688\cancel{8}} = \frac{374}{68}$

denominator$= 706$

$\frac{176\cancel{6}5}{706\cancel{6}} = \frac{175}{70}$

denominator$= 728$

$\frac{318\cancel{8}5}{728\cancel{8}} = \frac{315}{72}$

denominator$= 746$

$\frac{186\cancel{6}5}{746\cancel{6}} = \frac{185}{74}$

denominator$= 777$

$\frac{177\cancel{7}6}{777\cancel{7}} = \frac{176}{77}$

$\frac{277\cancel{7}5}{777\cancel{7}} = \frac{275}{77}$

$\frac{377\cancel{7}4}{777\cancel{7}} = \frac{374}{77}$

$\frac{477\cancel{7}3}{777\cancel{7}} = \frac{473}{77}$

$\frac{57\cancel{7}2}{77\cancel{7}} = \frac{572}{77}$

$\frac{67\cancel{7}1}{77\cancel{7}} = \frac{671}{77}$

denominator$=786$

$\frac{19\cancel{6}5}{78\cancel{6}} = \frac{195}{78}$

denominator$=805$

$\frac{22\cancel{5}4}{80\cancel{5}} = \frac{224}{80}$

$\frac{51\cancel{5}2}{80\cancel{5}} = \frac{512}{80}$

denominator$=822$

$\frac{45\cancel{2}1}{82\cancel{2}} = \frac{451}{82}$

denominator$=826$

$\frac{20\cancel{6}5}{82\cancel{6}} = \frac{205}{82}$

denominator$=844$

$\frac{27\cancel{4}3}{84\cancel{4}} = \frac{273}{84}$

$\frac{46\cancel{4}2}{84\cancel{4}} = \frac{462}{84}$

$\frac{65\cancel{4}1}{84\cancel{4}} = \frac{651}{84}$

denominator$=866$

$\frac{21\cancel{6}5}{86\cancel{6}} = \frac{215}{86}$

$\frac{47\cancel{6}3}{86\cancel{6}} = \frac{473}{86}$

$\frac{73\cancel{6}1}{86\cancel{6}} = \frac{731}{86}$

denominator$=888$

$\frac{18\cancel{8}7}{88\cancel{8}} = \frac{187}{88}$

$\frac{28\cancel{8}6}{88\cancel{8}} = \frac{286}{88}$

$\frac{38\cancel{8}5}{88\cancel{8}} = \frac{385}{88}$

$\frac{48\cancel{8}4}{88\cancel{8}} = \frac{484}{88}$

$\frac{588\cancel{8}3}{888\cancel{8}} = \frac{583}{88}$

$\frac{688\cancel{8}2}{888\cancel{8}} = \frac{682}{88}$

$\frac{788\cancel{8}1}{888\cancel{8}} = \frac{781}{88}$

denominator= 906

$\frac{226\cancel{6}5}{906\cancel{6}} = \frac{225}{90}$

denominator= 917

$\frac{327\cancel{7}5}{917\cancel{7}} = \frac{325}{91}$

denominator= 946

$\frac{236\cancel{6}5}{946\cancel{6}} = \frac{235}{94}$

denominator= 986

$\frac{246\cancel{6}5}{986\cancel{6}} = \frac{245}{98}$

Section 2

All the Anomalous Cancellations with the denominator with, 3,

digits, and where the , 2, -th digit of the numerator

is cancelled out with the, 0, -th digit of the denominator

denominator= 106

$\frac{6\cancel{6}25}{10\cancel{6}} = \frac{625}{10}$

denominator= 124

$\frac{5\cancel{4}25}{12\cancel{4}} = \frac{525}{12}$

denominator= 186

$\frac{11\cancel{6}25}{18\cancel{6}} = \frac{1125}{18}$

denominator= 217

$\frac{\cancel{7}75}{21\cancel{7}} = \frac{75}{21}$

$\frac{7\cancel{7}50}{21\cancel{7}} = \frac{750}{21}$

$\frac{14\cancel{7}25}{21\cancel{7}} = \frac{1425}{21}$

denominator= 248

$\frac{3\cancel{8}75}{24\cancel{8}} = \frac{375}{24}$

$\frac{10\cancel{8}50}{24\cancel{8}} = \frac{1050}{24}$

$\frac{17\cancel{8}25}{24\cancel{8}} = \frac{1725}{24}$

denominator= 266

$\frac{\cancel{6}65}{26\cancel{6}} = \frac{65}{26}$

$\frac{4\cancel{6}55}{26\cancel{6}} = \frac{455}{26}$

$\frac{8\cancel{6}45}{26\cancel{6}} = \frac{845}{26}$

$\frac{12\cancel{6}35}{26\cancel{6}} = \frac{1235}{26}$

$\frac{16\cancel{6}25}{26\cancel{6}} = \frac{1625}{26}$

$\frac{20\cancel{6}15}{26\cancel{6}} = \frac{2015}{26}$

$\frac{24\cancel{6}05}{26\cancel{6}} = \frac{2405}{26}$

denominator= 284

$\frac{12\cancel{4}25}{28\cancel{4}} = \frac{1225}{28}$

denominator= 346

$\frac{21\cancel{6}25}{34\cancel{6}} = \frac{2125}{34}$

denominator= 357

$\frac{12\cancel{7}50}{35\cancel{7}} = \frac{1250}{35}$

denominator= 408

$\frac{17\cancel{8}50}{40\cancel{8}} = \frac{1750}{40}$

denominator= 426

$\frac{26\cancel{6}25}{42\cancel{6}} = \frac{2625}{42}$

denominator$= 427$

$\frac{9\cancel{7}60}{42\cancel{7}} = \frac{960}{42}$

$\frac{20\cancel{7}40}{42\cancel{7}} = \frac{2040}{42}$

$\frac{31\cancel{7}20}{42\cancel{7}} = \frac{3120}{42}$

denominator$= 488$

$\frac{15\cancel{8}60}{48\cancel{8}} = \frac{1560}{48}$

$\frac{37\cancel{8}20}{48\cancel{8}} = \frac{3720}{48}$

denominator$= 497$

$\frac{1\cancel{7}75}{49\cancel{7}} = \frac{175}{49}$

$\frac{17\cancel{7}50}{49\cancel{7}} = \frac{1750}{49}$

$\frac{33\cancel{7}25}{49\cancel{7}} = \frac{3325}{49}$

denominator$= 506$

$\frac{31\cancel{6}25}{50\cancel{6}} = \frac{3125}{50}$

denominator$= 568$

$\frac{8\cancel{8}75}{56\cancel{8}} = \frac{875}{56}$

$\frac{24\cancel{8}50}{56\cancel{8}} = \frac{2450}{56}$

$\frac{40\cancel{8}25}{56\cancel{8}} = \frac{4025}{56}$

denominator$= 586$

$\frac{36\cancel{6}25}{58\cancel{6}} = \frac{3625}{58}$

denominator$= 604$

$\frac{26\cancel{4}25}{60\cancel{4}} = \frac{2625}{60}$

denominator$= 622$

$\frac{20\cancel{2}15}{62\cancel{2}} = \frac{2015}{62}$

$\frac{48\cancel{2}05}{62\cancel{2}} = \frac{4805}{62}$

denominator= 637

$\frac{22\not{7}50}{63\not{7}} = \frac{2250}{63}$

denominator= 728

$\frac{31\not{8}50}{72\not{8}} = \frac{3150}{72}$

denominator= 746

$\frac{46\not{6}25}{74\not{6}} = \frac{4625}{74}$

denominator= 764

$\frac{33\not{4}25}{76\not{4}} = \frac{3325}{76}$

denominator= 826

$\frac{51\not{6}25}{82\not{6}} = \frac{5125}{82}$

denominator= 844

$\frac{27\not{4}30}{84\not{4}} = \frac{2730}{84}$

$\frac{65\not{4}10}{84\not{4}} = \frac{6510}{84}$

denominator= 906

$\frac{56\not{6}25}{90\not{6}} = \frac{5625}{90}$

denominator= 917

$\frac{32\not{7}50}{91\not{7}} = \frac{3250}{91}$

denominator= 924

$\frac{40\not{4}25}{92\not{4}} = \frac{4025}{92}$

denominator= 986

$\frac{61\not{6}25}{98\not{6}} = \frac{6125}{98}$

Section 3

All the Anomalous Cancellations with the denominator with, 3,

digits, and where the , 1, -th digit of the numerator is cancelled out with the, 1, -th digit of the denominator

denominator= 160

$\frac{\cancel{6}4}{1\cancel{6}0} = \frac{4}{10}$

denominator= 190

$\frac{\cancel{9}5}{1\cancel{9}0} = \frac{5}{10}$

denominator= 192

$\frac{\cancel{9}6}{1\cancel{9}2} = \frac{6}{12}$

denominator= 194

$\frac{\cancel{9}7}{1\cancel{9}4} = \frac{7}{14}$

$\frac{2\cancel{9}1}{1\cancel{9}4} = \frac{21}{14}$

denominator= 196

$\frac{\cancel{9}8}{1\cancel{9}6} = \frac{8}{16}$

$\frac{2\cancel{9}4}{1\cancel{9}6} = \frac{24}{16}$

$\frac{4\cancel{9}0}{1\cancel{9}6} = \frac{40}{16}$

denominator= 222

$\frac{12\cancel{2}1}{2\cancel{2}2} = \frac{121}{22}$

denominator= 244

$\frac{13\cancel{4}2}{2\cancel{4}4} = \frac{132}{24}$

denominator= 260

$\frac{\cancel{6}5}{2\cancel{6}0} = \frac{5}{20}$

denominator= 266

$\frac{6\cancel{6}5}{2\cancel{6}6} = \frac{65}{26}$

$\frac{14\cancel{6}3}{2\cancel{6}6} = \frac{143}{26}$

$\frac{22\cancel{6}1}{2\cancel{6}6} = \frac{221}{26}$

denominator= 288

$\frac{15\cancel{8}4}{2\cancel{8}8} = \frac{154}{28}$

denominator= 291

$\frac{\cancel{9}7}{2\cancel{9}1} = \frac{7}{21}$

$\frac{1\cancel{9}4}{2\cancel{9}1} = \frac{14}{21}$

denominator= 294

$\frac{\cancel{9}8}{2\cancel{9}4} = \frac{8}{24}$

$\frac{1\cancel{9}6}{2\cancel{9}4} = \frac{16}{24}$

$\frac{3\cancel{9}2}{2\cancel{9}4} = \frac{32}{24}$

$\frac{4\cancel{9}0}{2\cancel{9}4} = \frac{40}{24}$

denominator= 332

$\frac{8\cancel{3}0}{3\cancel{3}2} = \frac{80}{32}$

denominator= 390

$\frac{1\cancel{9}5}{3\cancel{9}0} = \frac{15}{30}$

denominator= 392

$\frac{\cancel{9}8}{3\cancel{9}2} = \frac{8}{32}$

$\frac{1\cancel{9}6}{3\cancel{9}2} = \frac{16}{32}$

$\frac{2\cancel{9}4}{3\cancel{9}2} = \frac{24}{32}$

$\frac{4\cancel{9}0}{3\cancel{9}2} = \frac{40}{32}$

denominator= 394

$\frac{1\cancel{9}7}{3\cancel{9}4} = \frac{17}{34}$

$\frac{5\cancel{9}1}{3\cancel{9}4} = \frac{51}{34}$

denominator= 398

$\frac{1\cancel{9}9}{3\cancel{9}8} = \frac{19}{38}$

$\frac{5\cancel{9}7}{3\cancel{9}8} = \frac{57}{38}$

$\frac{9\cancel{9}5}{3\cancel{9}8} = \frac{95}{38}$

$\frac{13\cancel{9}3}{3\cancel{9}8} = \frac{133}{38}$

$\frac{17\cancel{9}1}{3\cancel{9}8} = \frac{171}{38}$

denominator= 422

$\frac{23\cancel{2}1}{4\cancel{2}2} = \frac{231}{42}$

denominator= 444

$\frac{14\cancel{4}3}{4\cancel{4}4} = \frac{143}{44}$

$\frac{24\cancel{4}2}{4\cancel{4}4} = \frac{242}{44}$

$\frac{34\cancel{4}1}{4\cancel{4}4} = \frac{341}{44}$

denominator= 464

$\frac{11\cancel{6}0}{4\cancel{6}4} = \frac{110}{44}$

denominator= 466

$\frac{11\cancel{6}5}{4\cancel{6}6} = \frac{115}{46}$

$\frac{25\cancel{6}3}{4\cancel{6}6} = \frac{253}{46}$

$\frac{39\cancel{6}1}{4\cancel{6}6} = \frac{391}{46}$

denominator= 488

$\frac{15\cancel{8}6}{4\cancel{8}8} = \frac{156}{48}$

$\frac{26\cancel{8}4}{4\cancel{8}8} = \frac{264}{48}$

$\frac{37\cancel{8}2}{4\cancel{8}8} = \frac{372}{48}$

denominator= 490

$\frac{\cancel{9}8}{4\cancel{9}0} = \frac{8}{40}$

$\frac{1\cancel{9}6}{4\cancel{9}0} = \frac{16}{40}$

$\frac{2\cancel{9}4}{4\cancel{9}0} = \frac{24}{40}$

$\frac{3\cancel{9}2}{4\cancel{9}0} = \frac{32}{40}$

denominator= 532

$\frac{1\cancel{3}3}{5\cancel{3}2} = \frac{13}{52}$

$\frac{9\cancel{3}1}{5\cancel{3}2} = \frac{91}{52}$

$\frac{13\cancel{3}0}{5\cancel{3}2} = \frac{130}{52}$

denominator= 555

$\frac{15\cancel{5}4}{5\cancel{5}5} = \frac{154}{55}$

$\frac{25\cancel{5}3}{5\cancel{5}5} = \frac{253}{55}$

$\frac{35\cancel{5}2}{5\cancel{5}5} = \frac{352}{55}$

$\frac{45\cancel{5}1}{5\cancel{5}5} = \frac{451}{55}$

denominator= 576

$\frac{18\cancel{7}2}{5\cancel{7}6} = \frac{182}{56}$

denominator= 590

$\frac{2\cancel{9}5}{5\cancel{9}0} = \frac{25}{50}$

denominator= 591

$\frac{1\cancel{9}7}{5\cancel{9}1} = \frac{17}{51}$

$\frac{3\cancel{9}4}{5\cancel{9}1} = \frac{34}{51}$

denominator= 592

$\frac{2\cancel{9}6}{5\cancel{9}2} = \frac{26}{52}$

denominator= 596

$\frac{2\cancel{9}8}{5\cancel{9}6} = \frac{28}{56}$

$\frac{8\cancel{9}4}{5\cancel{9}6} = \frac{84}{56}$

$\frac{14\cancel{9}0}{5\cancel{9}6} = \frac{140}{56}$

denominator= 597

$\frac{1\cancel{9}9}{5\cancel{9}7} = \frac{19}{57}$

$\frac{3\cancel{9}8}{5\cancel{9}7} = \frac{38}{57}$

$\frac{7\cancel{9}6}{5\cancel{9}7} = \frac{76}{57}$

$\frac{9\cancel{9}5}{5\cancel{9}7} = \frac{95}{57}$

$\frac{13\cancel{9}3}{5\cancel{9}7} = \frac{133}{57}$

$\frac{15\cancel{9}2}{5\cancel{9}7} = \frac{152}{57}$

$\frac{19\cancel{9}0}{5\cancel{9}7} = \frac{190}{57}$

denominator= 598

$\frac{2\cancel{9}9}{5\cancel{9}8} = \frac{29}{58}$

$\frac{8\cancel{9}7}{5\cancel{9}8} = \frac{87}{58}$

$\frac{14\cancel{9}5}{5\cancel{9}8} = \frac{145}{58}$

$\frac{20\cancel{9}3}{5\cancel{9}8} = \frac{203}{58}$

$\frac{26\cancel{9}1}{5\cancel{9}8} = \frac{261}{58}$

denominator= 622

$\frac{34\cancel{2}1}{6\cancel{2}2} = \frac{341}{62}$

denominator= 644

$\frac{35\cancel{4}2}{6\cancel{4}4} = \frac{352}{64}$

denominator= 664

$\frac{1\cancel{6}6}{6\cancel{6}4} = \frac{16}{64}$

$\frac{11\cancel{6}2}{6\cancel{6}4} = \frac{112}{64}$

$\frac{16\cancel{6}0}{6\cancel{6}4} = \frac{160}{64}$

denominator= 665

$\frac{2\cancel{6}6}{6\cancel{6}5} = \frac{26}{65}$

$\frac{10\cancel{6}4}{6\cancel{6}5} = \frac{104}{65}$

$\frac{146\not 3}{66\not 5} = \frac{143}{65}$

$\frac{186\not 2}{66\not 5} = \frac{182}{65}$

$\frac{226\not 1}{66\not 5} = \frac{221}{65}$

denominator= 666

$\frac{166\not 5}{66\not 6} = \frac{165}{66}$

$\frac{366\not 3}{66\not 6} = \frac{363}{66}$

$\frac{566\not 1}{66\not 6} = \frac{561}{66}$

denominator= 688

$\frac{378\not 4}{68\not 8} = \frac{374}{68}$

denominator= 732

$\frac{183\not 0}{73\not 2} = \frac{180}{72}$

denominator= 775

$\frac{217\not 0}{77\not 5} = \frac{210}{75}$

denominator= 777

$\frac{177\not 6}{77\not 7} = \frac{176}{77}$

$\frac{277\not 5}{77\not 7} = \frac{275}{77}$

$\frac{377\not 4}{77\not 7} = \frac{374}{77}$

$\frac{477\not 3}{77\not 7} = \frac{473}{77}$

$\frac{577\not 2}{77\not 7} = \frac{572}{77}$

$\frac{677\not 1}{77\not 7} = \frac{671}{77}$

denominator= 790

$\frac{39\not 5}{79\not 0} = \frac{35}{70}$

denominator= 794

$\frac{39\not 7}{79\not 4} = \frac{37}{74}$

$\frac{11\cancel{9}1}{7\cancel{9}4} = \frac{111}{74}$

denominator$= 796$

$\frac{1\cancel{9}9}{7\cancel{9}6} = \frac{19}{76}$

$\frac{3\cancel{9}8}{7\cancel{9}6} = \frac{38}{76}$

$\frac{5\cancel{9}7}{7\cancel{9}6} = \frac{57}{76}$

$\frac{9\cancel{9}5}{7\cancel{9}6} = \frac{95}{76}$

$\frac{11\cancel{9}4}{7\cancel{9}6} = \frac{114}{76}$

$\frac{13\cancel{9}3}{7\cancel{9}6} = \frac{133}{76}$

$\frac{17\cancel{9}1}{7\cancel{9}6} = \frac{171}{76}$

$\frac{19\cancel{9}0}{7\cancel{9}6} = \frac{190}{76}$

denominator$= 798$

$\frac{3\cancel{9}9}{7\cancel{9}8} = \frac{39}{78}$

$\frac{11\cancel{9}7}{7\cancel{9}8} = \frac{117}{78}$

$\frac{19\cancel{9}5}{7\cancel{9}8} = \frac{195}{78}$

$\frac{27\cancel{9}3}{7\cancel{9}8} = \frac{273}{78}$

$\frac{35\cancel{9}1}{7\cancel{9}8} = \frac{351}{78}$

denominator$= 822$

$\frac{45\cancel{2}1}{8\cancel{2}2} = \frac{451}{82}$

denominator$= 830$

$\frac{3\cancel{3}2}{8\cancel{3}0} = \frac{32}{80}$

denominator$= 844$

$\frac{27\cancel{4}3}{8\cancel{4}4} = \frac{273}{84}$

$\frac{46\cancel{4}2}{8\cancel{4}4} = \frac{462}{84}$

$\frac{65\cancel{4}1}{8\cancel{4}4} = \frac{651}{84}$

denominator= 854

$\frac{195\!\!\!/2}{85\!\!\!/4} = \frac{192}{84}$

$\frac{305\!\!\!/0}{85\!\!\!/4} = \frac{300}{84}$

denominator= 864

$\frac{216\!\!\!/0}{86\!\!\!/4} = \frac{210}{84}$

denominator= 866

$\frac{216\!\!\!/5}{86\!\!\!/6} = \frac{215}{86}$

$\frac{476\!\!\!/3}{86\!\!\!/6} = \frac{473}{86}$

$\frac{736\!\!\!/1}{86\!\!\!/6} = \frac{731}{86}$

denominator= 888

$\frac{188\!\!\!/7}{88\!\!\!/8} = \frac{187}{88}$

$\frac{288\!\!\!/6}{88\!\!\!/8} = \frac{286}{88}$

$\frac{388\!\!\!/5}{88\!\!\!/8} = \frac{385}{88}$

$\frac{488\!\!\!/4}{88\!\!\!/8} = \frac{484}{88}$

$\frac{588\!\!\!/3}{88\!\!\!/8} = \frac{583}{88}$

$\frac{688\!\!\!/2}{88\!\!\!/8} = \frac{682}{88}$

$\frac{788\!\!\!/1}{88\!\!\!/8} = \frac{781}{88}$

denominator= 894

$\frac{29\!\!\!/8}{89\!\!\!/4} = \frac{28}{84}$

$\frac{59\!\!\!/6}{89\!\!\!/4} = \frac{56}{84}$

$\frac{119\!\!\!/2}{89\!\!\!/4} = \frac{112}{84}$

$\frac{149\!\!\!/0}{89\!\!\!/4} = \frac{140}{84}$

denominator= 897

$\frac{29\!\!\!/9}{89\!\!\!/7} = \frac{29}{87}$

$\frac{5\cancel{9}8}{8\cancel{9}7} = \frac{58}{87}$

$\frac{11\cancel{9}6}{8\cancel{9}7} = \frac{116}{87}$

$\frac{14\cancel{9}5}{8\cancel{9}7} = \frac{145}{87}$

$\frac{20\cancel{9}3}{8\cancel{9}7} = \frac{203}{87}$

$\frac{23\cancel{9}2}{8\cancel{9}7} = \frac{232}{87}$

$\frac{29\cancel{9}0}{8\cancel{9}7} = \frac{290}{87}$

denominator= 931

$\frac{1\cancel{3}3}{9\cancel{3}1} = \frac{13}{91}$

$\frac{5\cancel{3}2}{9\cancel{3}1} = \frac{52}{91}$

$\frac{13\cancel{3}0}{9\cancel{3}1} = \frac{130}{91}$

denominator= 932

$\frac{2\cancel{3}3}{9\cancel{3}2} = \frac{23}{92}$

$\frac{16\cancel{3}1}{9\cancel{3}2} = \frac{161}{92}$

$\frac{23\cancel{3}0}{9\cancel{3}2} = \frac{230}{92}$

denominator= 976

$\frac{20\cancel{7}4}{9\cancel{7}6} = \frac{204}{96}$

$\frac{31\cancel{7}2}{9\cancel{7}6} = \frac{312}{96}$

$\frac{42\cancel{7}0}{9\cancel{7}6} = \frac{420}{96}$

denominator= 992

$\frac{4\cancel{9}6}{9\cancel{9}2} = \frac{46}{92}$

denominator= 994

$\frac{4\cancel{9}7}{9\cancel{9}4} = \frac{47}{94}$

$\frac{14\cancel{9}1}{9\cancel{9}4} = \frac{141}{94}$

denominator= 995

$\frac{1\cancel{9}9}{9\cancel{9}5} = \frac{19}{95}$

$\frac{3\cancel{9}8}{9\cancel{9}5} = \frac{38}{95}$

$\frac{5\cancel{9}7}{9\cancel{9}5} = \frac{57}{95}$

$\frac{7\cancel{9}6}{9\cancel{9}5} = \frac{76}{95}$

$\frac{11\cancel{9}4}{9\cancel{9}5} = \frac{114}{95}$

$\frac{13\cancel{9}3}{9\cancel{9}5} = \frac{133}{95}$

$\frac{15\cancel{9}2}{9\cancel{9}5} = \frac{152}{95}$

$\frac{17\cancel{9}1}{9\cancel{9}5} = \frac{171}{95}$

denominator= 996

$\frac{4\cancel{9}8}{9\cancel{9}6} = \frac{48}{96}$

$\frac{14\cancel{9}4}{9\cancel{9}6} = \frac{144}{96}$

$\frac{24\cancel{9}0}{9\cancel{9}6} = \frac{240}{96}$

denominator= 998

$\frac{4\cancel{9}9}{9\cancel{9}8} = \frac{49}{98}$

$\frac{14\cancel{9}7}{9\cancel{9}8} = \frac{147}{98}$

$\frac{24\cancel{9}5}{9\cancel{9}8} = \frac{245}{98}$

$\frac{34\cancel{9}3}{9\cancel{9}8} = \frac{343}{98}$

$\frac{44\cancel{9}1}{9\cancel{9}8} = \frac{441}{98}$

Section 4

All the Anomalous Cancellations with the denominator with, 3,

digits, and where the , 2, -th digit of the numerator

is cancelled out with the, 1, -th digit of the denominator

denominator= 121

$\frac{2\cancel{2}0}{12\cancel{1}} = \frac{20}{11}$

$\frac{22\cancel{0}0}{12\cancel{1}} = \frac{200}{11}$

denominator$= 130$

$\frac{3\cancel{2}5}{13\cancel{0}} = \frac{25}{10}$

denominator$= 132$

$\frac{3\cancel{3}0}{13\cancel{2}} = \frac{30}{12}$

$\frac{23\cancel{1}0}{13\cancel{2}} = \frac{210}{12}$

denominator$= 143$

$\frac{4\cancel{4}0}{14\cancel{3}} = \frac{40}{13}$

$\frac{24\cancel{2}0}{14\cancel{3}} = \frac{220}{13}$

$\frac{34\cancel{1}0}{14\cancel{3}} = \frac{310}{13}$

$\frac{44\cancel{0}0}{14\cancel{3}} = \frac{400}{13}$

denominator$= 154$

$\frac{5\cancel{5}0}{15\cancel{4}} = \frac{50}{14}$

$\frac{25\cancel{3}0}{15\cancel{4}} = \frac{230}{14}$

$\frac{35\cancel{2}0}{15\cancel{4}} = \frac{320}{14}$

$\frac{45\cancel{1}0}{15\cancel{4}} = \frac{410}{14}$

$\frac{55\cancel{0}0}{15\cancel{4}} = \frac{500}{14}$

denominator$= 176$

$\frac{7\cancel{7}0}{17\cancel{6}} = \frac{70}{16}$

$\frac{27\cancel{5}0}{17\cancel{6}} = \frac{250}{16}$

$\frac{37\cancel{4}0}{17\cancel{6}} = \frac{340}{16}$

$\frac{47\cancel{3}0}{17\cancel{6}} = \frac{430}{16}$

$\frac{57\cancel{2}0}{17\cancel{6}} = \frac{520}{16}$

$\frac{6\cancel{7}10}{1\cancel{7}6} = \frac{610}{16}$

$\frac{7\cancel{7}00}{1\cancel{7}6} = \frac{700}{16}$

denominator= 187

$\frac{\cancel{8}80}{1\cancel{8}7} = \frac{80}{17}$

$\frac{2\cancel{8}60}{1\cancel{8}7} = \frac{260}{17}$

$\frac{3\cancel{8}50}{1\cancel{8}7} = \frac{350}{17}$

$\frac{4\cancel{8}40}{1\cancel{8}7} = \frac{440}{17}$

$\frac{5\cancel{8}30}{1\cancel{8}7} = \frac{530}{17}$

$\frac{6\cancel{8}20}{1\cancel{8}7} = \frac{620}{17}$

$\frac{7\cancel{8}10}{1\cancel{8}7} = \frac{710}{17}$

$\frac{8\cancel{8}00}{1\cancel{8}7} = \frac{800}{17}$

denominator= 220

$\frac{12\cancel{1}0}{22\cancel{0}} = \frac{110}{20}$

denominator= 231

$\frac{\cancel{3}30}{2\cancel{3}1} = \frac{30}{21}$

$\frac{1\cancel{3}20}{2\cancel{3}1} = \frac{120}{21}$

$\frac{3\cancel{3}00}{2\cancel{3}1} = \frac{300}{21}$

denominator= 242

$\frac{\cancel{4}40}{2\cancel{4}2} = \frac{40}{22}$

$\frac{1\cancel{4}30}{2\cancel{4}2} = \frac{130}{22}$

$\frac{3\cancel{4}10}{2\cancel{4}2} = \frac{310}{22}$

$\frac{4\cancel{4}00}{2\cancel{4}2} = \frac{400}{22}$

denominator= 253

$\frac{\cancel{5}50}{2\cancel{5}3} = \frac{50}{23}$

$\frac{1\cancel{5}40}{2\cancel{5}3} = \frac{140}{23}$

$\frac{3\cancel{5}20}{2\cancel{5}3} = \frac{320}{23}$

$\frac{4\cancel{5}10}{2\cancel{5}3} = \frac{410}{23}$

$\frac{5\cancel{5}00}{2\cancel{5}3} = \frac{500}{23}$

denominator$= 260$

$\frac{\cancel{6}50}{2\cancel{6}0} = \frac{50}{20}$

$\frac{1\cancel{6}25}{2\cancel{6}0} = \frac{125}{20}$

denominator$= 262$

$\frac{\cancel{6}55}{2\cancel{6}2} = \frac{55}{22}$

denominator$= 264$

$\frac{\cancel{6}60}{2\cancel{6}4} = \frac{60}{24}$

$\frac{1\cancel{6}50}{2\cancel{6}4} = \frac{150}{24}$

$\frac{3\cancel{6}30}{2\cancel{6}4} = \frac{330}{24}$

$\frac{4\cancel{6}20}{2\cancel{6}4} = \frac{420}{24}$

$\frac{5\cancel{6}10}{2\cancel{6}4} = \frac{510}{24}$

denominator$= 266$

$\frac{\cancel{6}65}{2\cancel{6}6} = \frac{65}{26}$

$\frac{4\cancel{6}55}{2\cancel{6}6} = \frac{455}{26}$

$\frac{8\cancel{6}45}{2\cancel{6}6} = \frac{845}{26}$

$\frac{12\cancel{6}35}{2\cancel{6}6} = \frac{1235}{26}$

$\frac{16\cancel{6}25}{2\cancel{6}6} = \frac{1625}{26}$

$\frac{20\cancel{6}15}{2\cancel{6}6} = \frac{2015}{26}$

$\frac{24\cancel{6}05}{2\cancel{6}6} = \frac{2405}{26}$

denominator$= 270$

$\frac{\cancel{7}56}{2\cancel{7}0} = \frac{56}{20}$

$\frac{1\cancel{7}28}{2\cancel{7}0} = \frac{128}{20}$

denominator$=275$

$\frac{\cancel{7}70}{2\cancel{7}5} = \frac{70}{25}$

$\frac{1\cancel{7}60}{2\cancel{7}5} = \frac{160}{25}$

$\frac{3\cancel{7}40}{2\cancel{7}5} = \frac{340}{25}$

$\frac{4\cancel{7}30}{2\cancel{7}5} = \frac{430}{25}$

$\frac{5\cancel{7}20}{2\cancel{7}5} = \frac{520}{25}$

$\frac{6\cancel{7}10}{2\cancel{7}5} = \frac{610}{25}$

denominator$=286$

$\frac{\cancel{8}80}{2\cancel{8}6} = \frac{80}{26}$

$\frac{1\cancel{8}70}{2\cancel{8}6} = \frac{170}{26}$

$\frac{3\cancel{8}50}{2\cancel{8}6} = \frac{350}{26}$

$\frac{4\cancel{8}40}{2\cancel{8}6} = \frac{440}{26}$

$\frac{5\cancel{8}30}{2\cancel{8}6} = \frac{530}{26}$

$\frac{6\cancel{8}20}{2\cancel{8}6} = \frac{620}{26}$

$\frac{7\cancel{8}10}{2\cancel{8}6} = \frac{710}{26}$

$\frac{8\cancel{8}00}{2\cancel{8}6} = \frac{800}{26}$

denominator$=291$

$\frac{\cancel{9}70}{2\cancel{9}1} = \frac{70}{21}$

$\frac{1\cancel{9}40}{2\cancel{9}1} = \frac{140}{21}$

denominator$=294$

$\frac{\cancel{9}80}{2\cancel{9}4} = \frac{80}{24}$

$\frac{1\cancel{9}60}{2\cancel{9}4} = \frac{160}{24}$

$\frac{3\cancel{9}20}{2\cancel{9}4} = \frac{320}{24}$

$\frac{4\cancel{9}00}{2\cancel{9}4} = \frac{400}{24}$

denominator= 297

$\frac{\cancel{9}90}{2\cancel{9}7} = \frac{90}{27}$

$\frac{1\cancel{9}80}{2\cancel{9}7} = \frac{180}{27}$

$\frac{3\cancel{9}60}{2\cancel{9}7} = \frac{360}{27}$

$\frac{4\cancel{9}50}{2\cancel{9}7} = \frac{450}{27}$

$\frac{6\cancel{9}30}{2\cancel{9}7} = \frac{630}{27}$

$\frac{7\cancel{9}20}{2\cancel{9}7} = \frac{720}{27}$

$\frac{9\cancel{9}00}{2\cancel{9}7} = \frac{900}{27}$

denominator= 341

$\frac{\cancel{4}40}{3\cancel{4}1} = \frac{40}{31}$

$\frac{1\cancel{4}30}{3\cancel{4}1} = \frac{130}{31}$

$\frac{2\cancel{4}20}{3\cancel{4}1} = \frac{220}{31}$

$\frac{4\cancel{4}00}{3\cancel{4}1} = \frac{400}{31}$

denominator= 352

$\frac{\cancel{5}50}{3\cancel{5}2} = \frac{50}{32}$

$\frac{1\cancel{5}40}{3\cancel{5}2} = \frac{140}{32}$

$\frac{2\cancel{5}30}{3\cancel{5}2} = \frac{230}{32}$

$\frac{4\cancel{5}10}{3\cancel{5}2} = \frac{410}{32}$

$\frac{5\cancel{5}00}{3\cancel{5}2} = \frac{500}{32}$

denominator= 354

$\frac{11\cancel{5}05}{3\cancel{5}4} = \frac{1105}{34}$

denominator= 363

$\frac{\cancel{6}60}{3\cancel{6}3} = \frac{60}{33}$

$\frac{1\cancel{6}50}{3\cancel{6}3} = \frac{150}{33}$

$\frac{2\cancel{6}40}{3\cancel{6}3} = \frac{240}{33}$

$\frac{4\cancel{6}20}{3\cancel{6}3} = \frac{420}{33}$

$\frac{5\cancel{6}10}{3\cancel{6}3} = \frac{510}{33}$

$\frac{6\cancel{6}00}{3\cancel{6}3} = \frac{600}{33}$

denominator$= 374$

$\frac{\cancel{7}70}{3\cancel{7}4} = \frac{70}{34}$

$\frac{1\cancel{7}60}{3\cancel{7}4} = \frac{160}{34}$

$\frac{2\cancel{7}50}{3\cancel{7}4} = \frac{250}{34}$

$\frac{4\cancel{7}30}{3\cancel{7}4} = \frac{430}{34}$

$\frac{5\cancel{7}20}{3\cancel{7}4} = \frac{520}{34}$

$\frac{6\cancel{7}10}{3\cancel{7}4} = \frac{610}{34}$

$\frac{7\cancel{7}00}{3\cancel{7}4} = \frac{700}{34}$

denominator$= 385$

$\frac{\cancel{8}80}{3\cancel{8}5} = \frac{80}{35}$

$\frac{1\cancel{8}70}{3\cancel{8}5} = \frac{170}{35}$

$\frac{2\cancel{8}60}{3\cancel{8}5} = \frac{260}{35}$

$\frac{4\cancel{8}40}{3\cancel{8}5} = \frac{440}{35}$

$\frac{5\cancel{8}30}{3\cancel{8}5} = \frac{530}{35}$

$\frac{6\cancel{8}20}{3\cancel{8}5} = \frac{620}{35}$

$\frac{7\cancel{8}10}{3\cancel{8}5} = \frac{710}{35}$

$\frac{8\cancel{8}00}{3\cancel{8}5} = \frac{800}{35}$

denominator$= 390$

$\frac{\cancel{9}75}{3\cancel{9}0} = \frac{75}{30}$

$\frac{2\cancel{9}25}{3\cancel{9}0} = \frac{225}{30}$

denominator= 392

$\frac{\cancel{9}80}{3\cancel{9}2} = \frac{80}{32}$

$\frac{2\cancel{9}40}{3\cancel{9}2} = \frac{240}{32}$

$\frac{4\cancel{9}00}{3\cancel{9}2} = \frac{400}{32}$

denominator= 394

$\frac{\cancel{9}85}{3\cancel{9}4} = \frac{85}{34}$

$\frac{2\cancel{9}55}{3\cancel{9}4} = \frac{255}{34}$

$\frac{4\cancel{9}25}{3\cancel{9}4} = \frac{425}{34}$

denominator= 396

$\frac{\cancel{9}90}{3\cancel{9}6} = \frac{90}{36}$

$\frac{2\cancel{9}70}{3\cancel{9}6} = \frac{270}{36}$

$\frac{4\cancel{9}50}{3\cancel{9}6} = \frac{450}{36}$

$\frac{6\cancel{9}30}{3\cancel{9}6} = \frac{630}{36}$

$\frac{8\cancel{9}10}{3\cancel{9}6} = \frac{810}{36}$

denominator= 398

$\frac{\cancel{9}95}{3\cancel{9}8} = \frac{95}{38}$

$\frac{2\cancel{9}85}{3\cancel{9}8} = \frac{285}{38}$

$\frac{4\cancel{9}75}{3\cancel{9}8} = \frac{475}{38}$

$\frac{6\cancel{9}65}{3\cancel{9}8} = \frac{665}{38}$

$\frac{8\cancel{9}55}{3\cancel{9}8} = \frac{855}{38}$

$\frac{10\cancel{9}45}{3\cancel{9}8} = \frac{1045}{38}$

$\frac{12\cancel{9}35}{3\cancel{9}8} = \frac{1235}{38}$

$\frac{14\cancel{9}25}{3\cancel{9}8} = \frac{1425}{38}$

$\frac{16\cancel{9}15}{3\cancel{9}8} = \frac{1615}{38}$

$\frac{18\cancel{9}05}{3\cancel{9}8} = \frac{1805}{38}$

denominator= 440

$\frac{1\cancel{4}30}{4\cancel{4}0} = \frac{130}{40}$

$\frac{2\cancel{4}20}{4\cancel{4}0} = \frac{220}{40}$

$\frac{3\cancel{4}10}{4\cancel{4}0} = \frac{310}{40}$

denominator= 442

$\frac{2\cancel{4}31}{4\cancel{4}2} = \frac{231}{42}$

$\frac{6\cancel{4}09}{4\cancel{4}2} = \frac{609}{42}$

denominator= 451

$\frac{\cancel{5}50}{4\cancel{5}1} = \frac{50}{41}$

$\frac{1\cancel{5}40}{4\cancel{5}1} = \frac{140}{41}$

$\frac{2\cancel{5}30}{4\cancel{5}1} = \frac{230}{41}$

$\frac{3\cancel{5}20}{4\cancel{5}1} = \frac{320}{41}$

$\frac{5\cancel{5}00}{4\cancel{5}1} = \frac{500}{41}$

denominator= 462

$\frac{\cancel{6}60}{4\cancel{6}2} = \frac{60}{42}$

$\frac{1\cancel{6}50}{4\cancel{6}2} = \frac{150}{42}$

$\frac{2\cancel{6}40}{4\cancel{6}2} = \frac{240}{42}$

$\frac{3\cancel{6}30}{4\cancel{6}2} = \frac{330}{42}$

$\frac{5\cancel{6}10}{4\cancel{6}2} = \frac{510}{42}$

$\frac{6\cancel{6}00}{4\cancel{6}2} = \frac{600}{42}$

denominator= 473

$\frac{\cancel{7}70}{4\cancel{7}3} = \frac{70}{43}$

$\frac{1\cancel{7}60}{4\cancel{7}3} = \frac{160}{43}$

$\frac{2\cancel{7}50}{4\cancel{7}3} = \frac{250}{43}$

$\frac{3\cancel{7}40}{4\cancel{7}3} = \frac{340}{43}$

$\frac{5\cancel{7}20}{4\cancel{7}3} = \frac{520}{43}$

$\frac{6\cancel{7}10}{4\cancel{7}3} = \frac{610}{43}$

$\frac{7\cancel{7}00}{4\cancel{7}3} = \frac{700}{43}$

denominator$= 484$

$\frac{\cancel{8}80}{4\cancel{8}4} = \frac{80}{44}$

$\frac{1\cancel{8}70}{4\cancel{8}4} = \frac{170}{44}$

$\frac{2\cancel{8}60}{4\cancel{8}4} = \frac{260}{44}$

$\frac{3\cancel{8}50}{4\cancel{8}4} = \frac{350}{44}$

$\frac{5\cancel{8}30}{4\cancel{8}4} = \frac{530}{44}$

$\frac{6\cancel{8}20}{4\cancel{8}4} = \frac{620}{44}$

$\frac{7\cancel{8}10}{4\cancel{8}4} = \frac{710}{44}$

$\frac{8\cancel{8}00}{4\cancel{8}4} = \frac{800}{44}$

denominator$= 488$

$\frac{15\cancel{8}60}{4\cancel{8}8} = \frac{1560}{48}$

$\frac{37\cancel{8}20}{4\cancel{8}8} = \frac{3720}{48}$

denominator$= 530$

$\frac{1\cancel{3}25}{5\cancel{3}0} = \frac{125}{50}$

denominator$= 532$

$\frac{1\cancel{3}30}{5\cancel{3}2} = \frac{130}{52}$

$\frac{3\cancel{3}25}{5\cancel{3}2} = \frac{325}{52}$

$\frac{7\cancel{3}15}{5\cancel{3}2} = \frac{715}{52}$

$\frac{9\cancel{3}10}{5\cancel{3}2} = \frac{910}{52}$

$\frac{11\cancel{3}05}{5\cancel{3}2} = \frac{1105}{52}$

denominator= 550

$\frac{1\cancel{5}40}{5\cancel{5}0} = \frac{140}{50}$

$\frac{2\cancel{5}30}{5\cancel{5}0} = \frac{230}{50}$

$\frac{3\cancel{5}20}{5\cancel{5}0} = \frac{320}{50}$

$\frac{4\cancel{5}10}{5\cancel{5}0} = \frac{410}{50}$

denominator= 561

$\frac{\cancel{6}60}{5\cancel{6}1} = \frac{60}{51}$

$\frac{1\cancel{6}50}{5\cancel{6}1} = \frac{150}{51}$

$\frac{2\cancel{6}40}{5\cancel{6}1} = \frac{240}{51}$

$\frac{3\cancel{6}30}{5\cancel{6}1} = \frac{330}{51}$

$\frac{4\cancel{6}20}{5\cancel{6}1} = \frac{420}{51}$

$\frac{6\cancel{6}00}{5\cancel{6}1} = \frac{600}{51}$

denominator= 572

$\frac{\cancel{7}70}{5\cancel{7}2} = \frac{70}{52}$

$\frac{1\cancel{7}60}{5\cancel{7}2} = \frac{160}{52}$

$\frac{2\cancel{7}50}{5\cancel{7}2} = \frac{250}{52}$

$\frac{3\cancel{7}40}{5\cancel{7}2} = \frac{340}{52}$

$\frac{4\cancel{7}30}{5\cancel{7}2} = \frac{430}{52}$

$\frac{6\cancel{7}10}{5\cancel{7}2} = \frac{610}{52}$

$\frac{7\cancel{7}00}{5\cancel{7}2} = \frac{700}{52}$

denominator= 576

$\frac{187\cancel{2}0}{57\cancel{6}} = \frac{1820}{56}$

denominator= 583

$\frac{\cancel{8}80}{58\cancel{3}} = \frac{80}{53}$

$\frac{18\cancel{7}0}{58\cancel{3}} = \frac{170}{53}$

$\frac{28\cancel{6}0}{58\cancel{3}} = \frac{260}{53}$

$\frac{38\cancel{5}0}{58\cancel{3}} = \frac{350}{53}$

$\frac{48\cancel{4}0}{58\cancel{3}} = \frac{440}{53}$

$\frac{68\cancel{2}0}{58\cancel{3}} = \frac{620}{53}$

$\frac{78\cancel{1}0}{58\cancel{3}} = \frac{710}{53}$

$\frac{88\cancel{0}0}{58\cancel{3}} = \frac{800}{53}$

denominator= 591

$\frac{\cancel{9}85}{59\cancel{1}} = \frac{85}{51}$

$\frac{19\cancel{7}0}{59\cancel{1}} = \frac{170}{51}$

$\frac{39\cancel{4}0}{59\cancel{1}} = \frac{340}{51}$

$\frac{49\cancel{2}5}{59\cancel{1}} = \frac{425}{51}$

denominator= 594

$\frac{\cancel{9}90}{59\cancel{4}} = \frac{90}{54}$

$\frac{19\cancel{8}0}{59\cancel{4}} = \frac{180}{54}$

$\frac{39\cancel{6}0}{59\cancel{4}} = \frac{360}{54}$

$\frac{49\cancel{5}0}{59\cancel{4}} = \frac{450}{54}$

$\frac{69\cancel{3}0}{59\cancel{4}} = \frac{630}{54}$

$\frac{79\cancel{2}0}{59\cancel{4}} = \frac{720}{54}$

$\frac{99\cancel{0}0}{59\cancel{4}} = \frac{900}{54}$

denominator= 597

$\frac{9\cancel{9}5}{5\cancel{9}7} = \frac{95}{57}$

$\frac{19\cancel{9}0}{5\cancel{9}7} = \frac{190}{57}$

$\frac{3\cancel{9}80}{5\cancel{9}7} = \frac{380}{57}$

$\frac{4\cancel{9}75}{5\cancel{9}7} = \frac{475}{57}$

$\frac{6\cancel{9}65}{5\cancel{9}7} = \frac{665}{57}$

$\frac{7\cancel{9}60}{5\cancel{9}7} = \frac{760}{57}$

$\frac{9\cancel{9}50}{5\cancel{9}7} = \frac{950}{57}$

$\frac{10\cancel{9}45}{5\cancel{9}7} = \frac{1045}{57}$

$\frac{12\cancel{9}35}{5\cancel{9}7} = \frac{1235}{57}$

$\frac{13\cancel{9}30}{5\cancel{9}7} = \frac{1330}{57}$

$\frac{15\cancel{9}20}{5\cancel{9}7} = \frac{1520}{57}$

$\frac{16\cancel{9}15}{5\cancel{9}7} = \frac{1615}{57}$

$\frac{18\cancel{9}05}{5\cancel{9}7} = \frac{1805}{57}$

$\frac{19\cancel{9}00}{5\cancel{9}7} = \frac{1900}{57}$

denominator$= 622$

$\frac{20\cancel{2}15}{6\cancel{2}2} = \frac{2015}{62}$

$\frac{48\cancel{2}05}{6\cancel{2}2} = \frac{4805}{62}$

denominator$= 660$

$\frac{1\cancel{6}50}{6\cancel{6}0} = \frac{150}{60}$

$\frac{3\cancel{6}30}{6\cancel{6}0} = \frac{330}{60}$

$\frac{5\cancel{6}10}{6\cancel{6}0} = \frac{510}{60}$

denominator$= 662$

$\frac{1\cancel{6}55}{6\cancel{6}2} = \frac{155}{62}$

$\frac{3\cancel{6}41}{6\cancel{6}2} = \frac{341}{62}$

$\frac{5\cancel{6}27}{6\cancel{6}2} = \frac{527}{62}$

$\frac{7\cancel{6}13}{6\cancel{6}2} = \frac{713}{62}$

denominator= 664

$\frac{1\cancel{6}60}{6\cancel{6}4} = \frac{160}{64}$

$\frac{3\cancel{6}52}{6\cancel{6}4} = \frac{352}{64}$

$\frac{5\cancel{6}44}{6\cancel{6}4} = \frac{544}{64}$

$\frac{7\cancel{6}36}{6\cancel{6}4} = \frac{736}{64}$

$\frac{9\cancel{6}28}{6\cancel{6}4} = \frac{928}{64}$

$\frac{11\cancel{6}20}{6\cancel{6}4} = \frac{1120}{64}$

$\frac{13\cancel{6}12}{6\cancel{6}4} = \frac{1312}{64}$

$\frac{15\cancel{6}04}{6\cancel{6}4} = \frac{1504}{64}$

denominator= 671

$\frac{\cancel{7}70}{6\cancel{7}1} = \frac{70}{61}$

$\frac{1\cancel{7}60}{6\cancel{7}1} = \frac{160}{61}$

$\frac{2\cancel{7}50}{6\cancel{7}1} = \frac{250}{61}$

$\frac{3\cancel{7}40}{6\cancel{7}1} = \frac{340}{61}$

$\frac{4\cancel{7}30}{6\cancel{7}1} = \frac{430}{61}$

$\frac{5\cancel{7}20}{6\cancel{7}1} = \frac{520}{61}$

$\frac{7\cancel{7}00}{6\cancel{7}1} = \frac{700}{61}$

denominator= 682

$\frac{\cancel{8}80}{6\cancel{8}2} = \frac{80}{62}$

$\frac{1\cancel{8}70}{6\cancel{8}2} = \frac{170}{62}$

$\frac{2\cancel{8}60}{6\cancel{8}2} = \frac{260}{62}$

$\frac{3\cancel{8}50}{6\cancel{8}2} = \frac{350}{62}$

$\frac{4\cancel{8}40}{6\cancel{8}2} = \frac{440}{62}$

$\frac{5\cancel{8}30}{6\cancel{8}2} = \frac{530}{62}$

$\frac{7\cancel{8}10}{6\cancel{8}2} = \frac{710}{62}$

$\frac{8\cancel{8}00}{6\cancel{8}2} = \frac{800}{62}$

denominator= 693

$\frac{9\cancel{9}0}{6\cancel{9}3} = \frac{90}{63}$

$\frac{1\cancel{9}80}{6\cancel{9}3} = \frac{180}{63}$

$\frac{2\cancel{9}70}{6\cancel{9}3} = \frac{270}{63}$

$\frac{3\cancel{9}60}{6\cancel{9}3} = \frac{360}{63}$

$\frac{4\cancel{9}50}{6\cancel{9}3} = \frac{450}{63}$

$\frac{5\cancel{9}40}{6\cancel{9}3} = \frac{540}{63}$

$\frac{7\cancel{9}20}{6\cancel{9}3} = \frac{720}{63}$

$\frac{8\cancel{9}10}{6\cancel{9}3} = \frac{810}{63}$

$\frac{9\cancel{9}00}{6\cancel{9}3} = \frac{900}{63}$

denominator= 754

$\frac{24\cancel{5}05}{7\cancel{5}4} = \frac{2405}{74}$

denominator= 770

$\frac{1\cancel{7}60}{7\cancel{7}0} = \frac{160}{70}$

$\frac{2\cancel{7}50}{7\cancel{7}0} = \frac{250}{70}$

$\frac{3\cancel{7}40}{7\cancel{7}0} = \frac{340}{70}$

$\frac{4\cancel{7}30}{7\cancel{7}0} = \frac{430}{70}$

$\frac{5\cancel{7}20}{7\cancel{7}0} = \frac{520}{70}$

$\frac{6\cancel{7}10}{7\cancel{7}0} = \frac{610}{70}$

denominator= 781

$\frac{\cancel{8}80}{7\cancel{8}1} = \frac{80}{71}$

$\frac{1\cancel{8}70}{7\cancel{8}1} = \frac{170}{71}$

$\frac{2\cancel{8}60}{7\cancel{8}1} = \frac{260}{71}$

$\frac{3\cancel{8}50}{7\cancel{8}1} = \frac{350}{71}$

$\frac{4\cancel{8}40}{7\cancel{8}1} = \frac{440}{71}$

$\frac{5\cancel{8}30}{7\cancel{8}1} = \frac{530}{71}$

$\frac{6\cancel{8}20}{7\cancel{8}1} = \frac{620}{71}$

$\frac{8\cancel{8}00}{7\cancel{8}1} = \frac{800}{71}$

denominator$= 790$

$\frac{1\cancel{9}75}{7\cancel{9}0} = \frac{175}{70}$

$\frac{5\cancel{9}25}{7\cancel{9}0} = \frac{525}{70}$

denominator$= 792$

$\frac{\cancel{9}90}{7\cancel{9}2} = \frac{90}{72}$

$\frac{1\cancel{9}80}{7\cancel{9}2} = \frac{180}{72}$

$\frac{2\cancel{9}70}{7\cancel{9}2} = \frac{270}{72}$

$\frac{4\cancel{9}50}{7\cancel{9}2} = \frac{450}{72}$

$\frac{5\cancel{9}40}{7\cancel{9}2} = \frac{540}{72}$

$\frac{6\cancel{9}30}{7\cancel{9}2} = \frac{630}{72}$

$\frac{8\cancel{9}10}{7\cancel{9}2} = \frac{810}{72}$

$\frac{9\cancel{9}00}{7\cancel{9}2} = \frac{900}{72}$

denominator$= 794$

$\frac{1\cancel{9}85}{7\cancel{9}4} = \frac{185}{74}$

$\frac{5\cancel{9}55}{7\cancel{9}4} = \frac{555}{74}$

$\frac{9\cancel{9}25}{7\cancel{9}4} = \frac{925}{74}$

denominator= 796

$\frac{\cancel{9}95}{7\cancel{9}6} = \frac{95}{76}$

$\frac{1\cancel{9}90}{7\cancel{9}6} = \frac{190}{76}$

$\frac{2\cancel{9}85}{7\cancel{9}6} = \frac{285}{76}$

$\frac{4\cancel{9}75}{7\cancel{9}6} = \frac{475}{76}$

$\frac{5\cancel{9}70}{7\cancel{9}6} = \frac{570}{76}$

$\frac{6\cancel{9}65}{7\cancel{9}6} = \frac{665}{76}$

$\frac{8\cancel{9}55}{7\cancel{9}6} = \frac{855}{76}$

$\frac{9\cancel{9}50}{7\cancel{9}6} = \frac{950}{76}$

$\frac{10\cancel{9}45}{7\cancel{9}6} = \frac{1045}{76}$

$\frac{12\cancel{9}35}{7\cancel{9}6} = \frac{1235}{76}$

$\frac{13\cancel{9}30}{7\cancel{9}6} = \frac{1330}{76}$

$\frac{14\cancel{9}25}{7\cancel{9}6} = \frac{1425}{76}$

$\frac{16\cancel{9}15}{7\cancel{9}6} = \frac{1615}{76}$

$\frac{17\cancel{9}10}{7\cancel{9}6} = \frac{1710}{76}$

$\frac{18\cancel{9}05}{7\cancel{9}6} = \frac{1805}{76}$

denominator= 798

$\frac{1\cancel{9}95}{7\cancel{9}8} = \frac{195}{78}$

$\frac{5\cancel{9}85}{7\cancel{9}8} = \frac{585}{78}$

$\frac{9\cancel{9}75}{7\cancel{9}8} = \frac{975}{78}$

$\frac{13\cancel{9}65}{7\cancel{9}8} = \frac{1365}{78}$

$\frac{17\cancel{9}55}{7\cancel{9}8} = \frac{1755}{78}$

$\frac{21\cancel{9}45}{7\cancel{9}8} = \frac{2145}{78}$

$\frac{25\cancel{9}35}{7\cancel{9}8} = \frac{2535}{78}$

$\frac{29\cancel{9}25}{7\cancel{9}8} = \frac{2925}{78}$

$\frac{33\cancel{9}15}{7\cancel{9}8} = \frac{3315}{78}$

$\frac{37\cancel{9}05}{7\cancel{9}8} = \frac{3705}{78}$

denominator= 830

$\frac{\cancel{3}32}{8\cancel{3}0} = \frac{32}{80}$

$\frac{1\cancel{3}28}{8\cancel{3}0} = \frac{128}{80}$

$\frac{2\cancel{3}24}{8\cancel{3}0} = \frac{224}{80}$

$\frac{4\cancel{3}16}{8\cancel{3}0} = \frac{416}{80}$

$\frac{5\cancel{3}12}{8\cancel{3}0} = \frac{512}{80}$

$\frac{6\cancel{3}08}{8\cancel{3}0} = \frac{608}{80}$

$\frac{7\cancel{3}04}{8\cancel{3}0} = \frac{704}{80}$

denominator= 844

$\frac{27\cancel{4}30}{8\cancel{4}4} = \frac{2730}{84}$

$\frac{65\cancel{4}10}{8\cancel{4}4} = \frac{6510}{84}$

denominator= 854

$\frac{19\cancel{5}20}{8\cancel{5}4} = \frac{1920}{84}$

$\frac{30\cancel{5}00}{8\cancel{5}4} = \frac{3000}{84}$

denominator= 880

$\frac{1\cancel{8}70}{8\cancel{8}0} = \frac{170}{80}$

$\frac{2\cancel{8}60}{8\cancel{8}0} = \frac{260}{80}$

$\frac{3\cancel{8}50}{8\cancel{8}0} = \frac{350}{80}$

$\frac{4\cancel{8}40}{8\cancel{8}0} = \frac{440}{80}$

$\frac{5\cancel{8}30}{8\cancel{8}0} = \frac{530}{80}$

$\frac{6\cancel{8}20}{8\cancel{8}0} = \frac{620}{80}$

$\frac{7\cancel{8}10}{8\cancel{8}0} = \frac{710}{80}$

denominator= 882

$\frac{4\cancel{8}51}{8\cancel{8}2} = \frac{451}{82}$

denominator= 884

$\frac{2\cancel{8}73}{8\cancel{8}4} = \frac{273}{84}$

$\frac{4\cancel{8}62}{8\cancel{8}4} = \frac{462}{84}$

$\frac{6\cancel{8}51}{8\cancel{8}4} = \frac{651}{84}$

$\frac{10\cancel{8}29}{8\cancel{8}4} = \frac{1029}{84}$

$\frac{12\cancel{8}18}{8\cancel{8}4} = \frac{1218}{84}$

$\frac{14\cancel{8}07}{8\cancel{8}4} = \frac{1407}{84}$

denominator= 886

$\frac{4\cancel{8}73}{8\cancel{8}6} = \frac{473}{86}$

$\frac{12\cancel{8}47}{8\cancel{8}6} = \frac{1247}{86}$

$\frac{20\cancel{8}21}{8\cancel{8}6} = \frac{2021}{86}$

denominator= 891

$\frac{\cancel{9}90}{8\cancel{9}1} = \frac{90}{81}$

$\frac{1\cancel{9}80}{8\cancel{9}1} = \frac{180}{81}$

$\frac{2\cancel{9}70}{8\cancel{9}1} = \frac{270}{81}$

$\frac{3\cancel{9}60}{8\cancel{9}1} = \frac{360}{81}$

$\frac{4\cancel{9}50}{8\cancel{9}1} = \frac{450}{81}$

$\frac{5\cancel{9}40}{8\cancel{9}1} = \frac{540}{81}$

$\frac{6\cancel{9}30}{8\cancel{9}1} = \frac{630}{81}$

$\frac{7\cancel{9}20}{8\cancel{9}1} = \frac{720}{81}$

$\frac{9\cancel{9}00}{8\cancel{9}1} = \frac{900}{81}$

denominator= 894

$\frac{2\cancel{9}80}{8\cancel{9}4} = \frac{280}{84}$

$\frac{5\cancel{9}60}{8\cancel{9}4} = \frac{560}{84}$

$\frac{11\cancel{9}20}{8\cancel{9}4} = \frac{1120}{84}$

$\frac{14\cancel{9}00}{8\cancel{9}4} = \frac{1400}{84}$

denominator= 897

$\frac{2\cancel{9}90}{8\cancel{9}7} = \frac{290}{87}$

$\frac{5\cancel{9}80}{8\cancel{9}7} = \frac{580}{87}$

$\frac{11\cancel{9}60}{8\cancel{9}7} = \frac{1160}{87}$

$\frac{14\cancel{9}50}{8\cancel{9}7} = \frac{1450}{87}$

$\frac{20\cancel{9}30}{8\cancel{9}7} = \frac{2030}{87}$

$\frac{23\cancel{9}20}{8\cancel{9}7} = \frac{2320}{87}$

$\frac{29\cancel{9}00}{8\cancel{9}7} = \frac{2900}{87}$

denominator= 930

$\frac{2\cancel{3}25}{9\cancel{3}0} = \frac{225}{90}$

denominator= 931

$\frac{1\cancel{3}30}{9\cancel{3}1} = \frac{130}{91}$

$\frac{3\cancel{3}25}{9\cancel{3}1} = \frac{325}{91}$

$\frac{5\cancel{3}20}{9\cancel{3}1} = \frac{520}{91}$

$\frac{7\cancel{3}15}{9\cancel{3}1} = \frac{715}{91}$

$\frac{11\cancel{3}05}{9\cancel{3}1} = \frac{1105}{91}$

$\frac{13\cancel{3}00}{9\cancel{3}1} = \frac{1300}{91}$

denominator= 932

$\frac{2\cancel{3}30}{9\cancel{3}2} = \frac{230}{92}$

$\frac{163\!\!\!/10}{93\!\!\!/2} = \frac{1610}{92}$

denominator= 976

$\frac{207\!\!\!/40}{97\!\!\!/6} = \frac{2040}{96}$

$\frac{317\!\!\!/20}{97\!\!\!/6} = \frac{3120}{96}$

$\frac{427\!\!\!/00}{97\!\!\!/6} = \frac{4200}{96}$

Section 5

All the Anomalous Cancellations with the denominator with, 3,

digits, and where the , 1, -th digit of the numerator

is cancelled out with the, 2, -th digit of the denominator

denominator= 120

$\frac{1\!\!\!/2}{1\!\!\!/20} = \frac{2}{20}$

denominator= 130

$\frac{1\!\!\!/3}{1\!\!\!/30} = \frac{3}{30}$

denominator= 140

$\frac{1\!\!\!/4}{1\!\!\!/40} = \frac{4}{40}$

denominator= 150

$\frac{1\!\!\!/5}{1\!\!\!/50} = \frac{5}{50}$

denominator= 160

$\frac{1\!\!\!/6}{1\!\!\!/60} = \frac{6}{60}$

denominator= 170

$\frac{1\!\!\!/7}{1\!\!\!/70} = \frac{7}{70}$

denominator= 180

$\frac{1\!\!\!/8}{1\!\!\!/80} = \frac{8}{80}$

denominator= 190

$\frac{\cancel{1}9}{\cancel{1}90} = \frac{9}{90}$

denominator= 210

$\frac{\cancel{2}1}{\cancel{2}10} = \frac{1}{10}$

denominator= 222

$\frac{122\cancel{2}1}{\cancel{2}22} = \frac{121}{22}$

denominator= 240

$\frac{\cancel{2}4}{\cancel{2}40} = \frac{4}{40}$

denominator= 260

$\frac{\cancel{2}6}{\cancel{2}60} = \frac{6}{60}$

denominator= 280

$\frac{\cancel{2}8}{\cancel{2}80} = \frac{8}{80}$

denominator= 310

$\frac{\cancel{3}1}{\cancel{3}10} = \frac{1}{10}$

denominator= 320

$\frac{\cancel{3}2}{\cancel{3}20} = \frac{2}{20}$

denominator= 325

$\frac{1\cancel{3}0}{\cancel{3}25} = \frac{10}{25}$

denominator= 332

$\frac{8\cancel{3}0}{\cancel{3}32} = \frac{80}{32}$

denominator= 360

$\frac{\cancel{3}6}{\cancel{3}60} = \frac{6}{60}$

denominator= 370

$\frac{\cancel{3}7}{\cancel{3}70} = \frac{7}{70}$

denominator= 380

$\frac{\cancel{3}8}{\cancel{3}80} = \frac{8}{80}$

denominator= 390

$\frac{\cancel{3}9}{\cancel{3}90} = \frac{9}{90}$

denominator= 410

$\frac{\cancel{4}1}{\cancel{4}10} = \frac{1}{10}$

denominator= 420

$\frac{\cancel{4}2}{\cancel{4}20} = \frac{2}{20}$

denominator= 430

$\frac{\cancel{4}3}{\cancel{4}30} = \frac{3}{30}$

denominator= 444

$\frac{14\cancel{4}3}{\cancel{4}44} = \frac{143}{44}$

$\frac{24\cancel{4}2}{\cancel{4}44} = \frac{242}{44}$

$\frac{34\cancel{4}1}{\cancel{4}44} = \frac{341}{44}$

denominator= 510

$\frac{\cancel{5}1}{\cancel{5}10} = \frac{1}{10}$

denominator= 520

$\frac{\cancel{5}2}{\cancel{5}20} = \frac{2}{20}$

denominator= 530

$\frac{\cancel{5}3}{\cancel{5}30} = \frac{3}{30}$

denominator= 540

$\frac{\cancel{5}4}{\cancel{5}40} = \frac{4}{40}$

denominator= 555

$\frac{15\cancel{5}4}{\cancel{5}55} = \frac{154}{55}$

$\frac{25\cancel{5}3}{\cancel{5}55} = \frac{253}{55}$

$\frac{355\!\!\!/2}{5\!\!\!/55} = \frac{352}{55}$

$\frac{455\!\!\!/1}{5\!\!\!/55} = \frac{451}{55}$

denominator= 610

$\frac{6\!\!\!/1}{6\!\!\!/10} = \frac{1}{10}$

denominator= 620

$\frac{6\!\!\!/2}{6\!\!\!/20} = \frac{2}{20}$

denominator= 630

$\frac{6\!\!\!/3}{6\!\!\!/30} = \frac{3}{30}$

denominator= 640

$\frac{6\!\!\!/4}{6\!\!\!/40} = \frac{4}{40}$

$\frac{16\!\!\!/0}{6\!\!\!/40} = \frac{10}{40}$

denominator= 644

$\frac{16\!\!\!/1}{6\!\!\!/44} = \frac{11}{44}$

denominator= 648

$\frac{16\!\!\!/2}{6\!\!\!/48} = \frac{12}{48}$

denominator= 650

$\frac{6\!\!\!/5}{6\!\!\!/50} = \frac{5}{50}$

$\frac{26\!\!\!/0}{6\!\!\!/50} = \frac{20}{50}$

denominator= 652

$\frac{16\!\!\!/3}{6\!\!\!/52} = \frac{13}{52}$

denominator= 655

$\frac{26\!\!\!/2}{6\!\!\!/55} = \frac{22}{55}$

denominator= 656

$\frac{16\!\!\!/4}{6\!\!\!/56} = \frac{14}{56}$

denominator= 664

$\frac{1\cancel{6}6}{\cancel{6}64} = \frac{16}{64}$

$\frac{11\cancel{6}2}{\cancel{6}64} = \frac{112}{64}$

$\frac{16\cancel{6}0}{\cancel{6}64} = \frac{160}{64}$

denominator= 665

$\frac{2\cancel{6}6}{\cancel{6}65} = \frac{26}{65}$

$\frac{10\cancel{6}4}{\cancel{6}65} = \frac{104}{65}$

$\frac{14\cancel{6}3}{\cancel{6}65} = \frac{143}{65}$

$\frac{18\cancel{6}2}{\cancel{6}65} = \frac{182}{65}$

$\frac{22\cancel{6}1}{\cancel{6}65} = \frac{221}{65}$

denominator= 666

$\frac{16\cancel{6}5}{\cancel{6}66} = \frac{165}{66}$

$\frac{36\cancel{6}3}{\cancel{6}66} = \frac{363}{66}$

$\frac{56\cancel{6}1}{\cancel{6}66} = \frac{561}{66}$

denominator= 710

$\frac{\cancel{7}1}{\cancel{7}10} = \frac{1}{10}$

denominator= 720

$\frac{\cancel{7}2}{\cancel{7}20} = \frac{2}{20}$

denominator= 730

$\frac{\cancel{7}3}{\cancel{7}30} = \frac{3}{30}$

denominator= 740

$\frac{\cancel{7}4}{\cancel{7}40} = \frac{4}{40}$

denominator= 750

$\frac{\cancel{7}5}{\cancel{7}50} = \frac{5}{50}$

denominator= 756

$\frac{2\cancel{7}0}{\cancel{7}56} = \frac{20}{56}$

denominator= 760

$\frac{\cancel{7}6}{\cancel{7}60} = \frac{6}{60}$

denominator= 775

$\frac{21\cancel{7}0}{\cancel{7}75} = \frac{210}{75}$

denominator= 777

$\frac{17\cancel{7}6}{\cancel{7}77} = \frac{176}{77}$

$\frac{27\cancel{7}5}{\cancel{7}77} = \frac{275}{77}$

$\frac{37\cancel{7}4}{\cancel{7}77} = \frac{374}{77}$

$\frac{47\cancel{7}3}{\cancel{7}77} = \frac{473}{77}$

$\frac{57\cancel{7}2}{\cancel{7}77} = \frac{572}{77}$

$\frac{67\cancel{7}1}{\cancel{7}77} = \frac{671}{77}$

denominator= 810

$\frac{\cancel{8}1}{\cancel{8}10} = \frac{1}{10}$

denominator= 820

$\frac{\cancel{8}2}{\cancel{8}20} = \frac{2}{20}$

denominator= 830

$\frac{\cancel{8}3}{\cancel{8}30} = \frac{3}{30}$

denominator= 840

$\frac{\cancel{8}4}{\cancel{8}40} = \frac{4}{40}$

denominator= 850

$\frac{\cancel{8}5}{\cancel{8}50} = \frac{5}{50}$

denominator= 860

$\frac{\cancel{8}6}{\cancel{8}60} = \frac{6}{60}$

denominator= 870

$\frac{\cancel{8}7}{\cancel{8}70} = \frac{7}{70}$

denominator= 888

$\frac{18\cancel{8}7}{\cancel{8}88} = \frac{187}{88}$

$\frac{28\cancel{8}6}{\cancel{8}88} = \frac{286}{88}$

$\frac{38\cancel{8}5}{\cancel{8}88} = \frac{385}{88}$

$\frac{48\cancel{8}4}{\cancel{8}88} = \frac{484}{88}$

$\frac{58\cancel{8}3}{\cancel{8}88} = \frac{583}{88}$

$\frac{68\cancel{8}2}{\cancel{8}88} = \frac{682}{88}$

$\frac{78\cancel{8}1}{\cancel{8}88} = \frac{781}{88}$

denominator= 910

$\frac{\cancel{9}1}{\cancel{9}10} = \frac{1}{10}$

denominator= 920

$\frac{\cancel{9}2}{\cancel{9}20} = \frac{2}{20}$

denominator= 930

$\frac{\cancel{9}3}{\cancel{9}30} = \frac{3}{30}$

denominator= 940

$\frac{\cancel{9}4}{\cancel{9}40} = \frac{4}{40}$

denominator= 950

$\frac{\cancel{9}5}{\cancel{9}50} = \frac{5}{50}$

$\frac{1\cancel{9}0}{\cancel{9}50} = \frac{10}{50}$

denominator= 955

$\frac{1\cancel{9}1}{\cancel{9}55} = \frac{11}{55}$

denominator= 960

$\frac{\cancel{9}6}{\cancel{9}60} = \frac{6}{60}$

$\frac{1\cancel{9}2}{\cancel{9}60} = \frac{12}{60}$

denominator= 965

$\frac{1\cancel{9}3}{\cancel{9}65} = \frac{13}{65}$

denominator= 970

$\frac{\cancel{9}7}{\cancel{9}70} = \frac{7}{70}$

$\frac{1\cancel{9}4}{\cancel{9}70} = \frac{14}{70}$

$\frac{2\cancel{9}1}{\cancel{9}70} = \frac{21}{70}$

denominator= 975

$\frac{1\cancel{9}5}{\cancel{9}75} = \frac{15}{75}$

$\frac{3\cancel{9}0}{\cancel{9}75} = \frac{30}{75}$

denominator= 980

$\frac{\cancel{9}8}{\cancel{9}80} = \frac{8}{80}$

$\frac{1\cancel{9}6}{\cancel{9}80} = \frac{16}{80}$

$\frac{2\cancel{9}4}{\cancel{9}80} = \frac{24}{80}$

$\frac{3\cancel{9}2}{\cancel{9}80} = \frac{32}{80}$

$\frac{4\cancel{9}0}{\cancel{9}80} = \frac{40}{80}$

denominator= 982

$\frac{4\cancel{9}1}{\cancel{9}82} = \frac{41}{82}$

denominator= 984

$\frac{4\cancel{9}2}{\cancel{9}84} = \frac{42}{84}$

denominator= 985

$\frac{1\cancel{9}7}{\cancel{9}85} = \frac{17}{85}$

$\frac{3\cancel{9}4}{\cancel{9}85} = \frac{34}{85}$

$\frac{5\cancel{9}1}{\cancel{9}85} = \frac{51}{85}$

denominator= 986

$\frac{4\cancel{9}3}{\cancel{9}86} = \frac{43}{86}$

denominator= 988

$\frac{4\cancel{9}4}{\cancel{9}88} = \frac{44}{88}$

denominator= 992

$\frac{4\cancel{9}6}{\cancel{9}92} = \frac{46}{92}$

denominator= 994

$\frac{4\cancel{9}7}{\cancel{9}94} = \frac{47}{94}$

$\frac{14\cancel{9}1}{\cancel{9}94} = \frac{141}{94}$

denominator= 995

$\frac{1\cancel{9}9}{\cancel{9}95} = \frac{19}{95}$

$\frac{3\cancel{9}8}{\cancel{9}95} = \frac{38}{95}$

$\frac{5\cancel{9}7}{\cancel{9}95} = \frac{57}{95}$

$\frac{7\cancel{9}6}{\cancel{9}95} = \frac{76}{95}$

$\frac{11\cancel{9}4}{\cancel{9}95} = \frac{114}{95}$

$\frac{13\cancel{9}3}{\cancel{9}95} = \frac{133}{95}$

$\frac{15\cancel{9}2}{\cancel{9}95} = \frac{152}{95}$

$\frac{17\cancel{9}1}{\cancel{9}95} = \frac{171}{95}$

denominator= 996

$\frac{4\cancel{9}8}{\cancel{9}96} = \frac{48}{96}$

$\frac{14\cancel{9}4}{\cancel{9}96} = \frac{144}{96}$

$\frac{24\cancel{9}0}{\cancel{9}96} = \frac{240}{96}$

denominator= 998

$\frac{49\cancel{9}}{\cancel{9}98} = \frac{49}{98}$

$\frac{149\cancel{7}}{\cancel{9}98} = \frac{147}{98}$

$\frac{249\cancel{5}}{\cancel{9}98} = \frac{245}{98}$

$\frac{349\cancel{3}}{\cancel{9}98} = \frac{343}{98}$

$\frac{449\cancel{1}}{\cancel{9}98} = \frac{441}{98}$

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Section 6

All the Anomalous Cancellations with the denominator with, 3,

digits, and where the , 2, -th digit of the numerator

is cancelled out with the, 2, -th digit of the denominator

denominator= 220

$\frac{1\cancel{2}10}{\cancel{2}20} = \frac{110}{20}$

denominator= 432

$\frac{1\cancel{4}04}{\cancel{4}32} = \frac{104}{32}$

denominator= 436

$\frac{1\cancel{4}17}{\cancel{4}36} = \frac{117}{36}$

denominator= 438

$\frac{2\cancel{4}09}{\cancel{4}38} = \frac{209}{38}$

denominator= 440

$\frac{1\cancel{4}30}{\cancel{4}40} = \frac{130}{40}$

$\frac{2\cancel{4}20}{\cancel{4}40} = \frac{220}{40}$

$\frac{3\cancel{4}10}{\cancel{4}40} = \frac{310}{40}$

denominator= 442

$\frac{24\cancel{4}31}{\cancel{4}42} = \frac{231}{42}$

$\frac{64\cancel{4}09}{\cancel{4}42} = \frac{609}{42}$

denominator$= 540$

$\frac{15\cancel{5}12}{\cancel{5}40} = \frac{112}{40}$

denominator$= 545$

$\frac{15\cancel{5}26}{\cancel{5}45} = \frac{126}{45}$

$\frac{25\cancel{5}07}{\cancel{5}45} = \frac{207}{45}$

denominator$= 550$

$\frac{15\cancel{5}40}{\cancel{5}50} = \frac{140}{50}$

$\frac{25\cancel{5}30}{\cancel{5}50} = \frac{230}{50}$

$\frac{35\cancel{5}20}{\cancel{5}50} = \frac{320}{50}$

$\frac{45\cancel{5}10}{\cancel{5}50} = \frac{410}{50}$

denominator$= 640$

$\frac{16\cancel{6}00}{\cancel{6}40} = \frac{100}{40}$

denominator$= 642$

$\frac{16\cancel{6}05}{\cancel{6}42} = \frac{105}{42}$

denominator$= 644$

$\frac{16\cancel{6}10}{\cancel{6}44} = \frac{110}{44}$

denominator$= 646$

$\frac{16\cancel{6}15}{\cancel{6}46} = \frac{115}{46}$

denominator$= 648$

$\frac{16\cancel{6}20}{\cancel{6}48} = \frac{120}{48}$

denominator$= 650$

$\frac{16\cancel{6}25}{\cancel{6}50} = \frac{125}{50}$

denominator= 652

$\frac{16\cancel{6}30}{\cancel{6}52} = \frac{130}{52}$

denominator= 654

$\frac{16\cancel{6}35}{\cancel{6}54} = \frac{135}{54}$

denominator= 656

$\frac{16\cancel{6}40}{\cancel{6}56} = \frac{140}{56}$

$\frac{36\cancel{6}08}{\cancel{6}56} = \frac{308}{56}$

denominator= 658

$\frac{16\cancel{6}45}{\cancel{6}58} = \frac{145}{58}$

$\frac{36\cancel{6}19}{\cancel{6}58} = \frac{319}{58}$

denominator= 660

$\frac{16\cancel{6}50}{\cancel{6}60} = \frac{150}{60}$

$\frac{36\cancel{6}30}{\cancel{6}60} = \frac{330}{60}$

$\frac{56\cancel{6}10}{\cancel{6}60} = \frac{510}{60}$

denominator= 662

$\frac{16\cancel{6}55}{\cancel{6}62} = \frac{155}{62}$

$\frac{36\cancel{6}41}{\cancel{6}62} = \frac{341}{62}$

$\frac{56\cancel{6}27}{\cancel{6}62} = \frac{527}{62}$

$\frac{76\cancel{6}13}{\cancel{6}62} = \frac{713}{62}$

denominator= 664

$\frac{16\cancel{6}60}{\cancel{6}64} = \frac{160}{64}$

$\frac{36\cancel{6}52}{\cancel{6}64} = \frac{352}{64}$

$\frac{56\cancel{6}44}{\cancel{6}64} = \frac{544}{64}$

$\frac{76\cancel{6}36}{\cancel{6}64} = \frac{736}{64}$

$\frac{9\cancel{6}28}{\cancel{6}64} = \frac{928}{64}$

$\frac{11\cancel{6}20}{\cancel{6}64} = \frac{1120}{64}$

$\frac{13\cancel{6}12}{\cancel{6}64} = \frac{1312}{64}$

$\frac{15\cancel{6}04}{\cancel{6}64} = \frac{1504}{64}$

denominator= 749

$\frac{1\cancel{7}12}{\cancel{7}49} = \frac{112}{49}$

denominator= 756

$\frac{1\cancel{7}28}{\cancel{7}56} = \frac{128}{56}$

$\frac{2\cancel{7}00}{\cancel{7}56} = \frac{200}{56}$

denominator= 763

$\frac{1\cancel{7}44}{\cancel{7}63} = \frac{144}{63}$

$\frac{2\cancel{7}25}{\cancel{7}63} = \frac{225}{63}$

$\frac{3\cancel{7}06}{\cancel{7}63} = \frac{306}{63}$

denominator= 770

$\frac{1\cancel{7}60}{\cancel{7}70} = \frac{160}{70}$

$\frac{2\cancel{7}50}{\cancel{7}70} = \frac{250}{70}$

$\frac{3\cancel{7}40}{\cancel{7}70} = \frac{340}{70}$

$\frac{4\cancel{7}30}{\cancel{7}70} = \frac{430}{70}$

$\frac{5\cancel{7}20}{\cancel{7}70} = \frac{520}{70}$

$\frac{6\cancel{7}10}{\cancel{7}70} = \frac{610}{70}$

denominator= 848

$\frac{1\cancel{8}02}{\cancel{8}48} = \frac{102}{48}$

denominator= 856

$\frac{1\cancel{8}19}{\cancel{8}56} = \frac{119}{56}$

denominator= 864

$\frac{18\cancel{8}36}{\cancel{8}64} = \frac{136}{64}$

$\frac{28\cancel{8}08}{\cancel{8}64} = \frac{208}{64}$

denominator= 868

$\frac{28\cancel{8}21}{\cancel{8}68} = \frac{221}{68}$

denominator= 872

$\frac{18\cancel{8}53}{\cancel{8}72} = \frac{153}{72}$

$\frac{28\cancel{8}34}{\cancel{8}72} = \frac{234}{72}$

$\frac{38\cancel{8}15}{\cancel{8}72} = \frac{315}{72}$

denominator= 874

$\frac{48\cancel{8}07}{\cancel{8}74} = \frac{407}{74}$

denominator= 876

$\frac{28\cancel{8}47}{\cancel{8}76} = \frac{247}{76}$

$\frac{48\cancel{8}18}{\cancel{8}76} = \frac{418}{76}$

denominator= 878

$\frac{48\cancel{8}29}{\cancel{8}78} = \frac{429}{78}$

denominator= 880

$\frac{18\cancel{8}70}{\cancel{8}80} = \frac{170}{80}$

$\frac{28\cancel{8}60}{\cancel{8}80} = \frac{260}{80}$

$\frac{38\cancel{8}50}{\cancel{8}80} = \frac{350}{80}$

$\frac{48\cancel{8}40}{\cancel{8}80} = \frac{440}{80}$

$\frac{58\cancel{8}30}{\cancel{8}80} = \frac{530}{80}$

$\frac{68\cancel{8}20}{\cancel{8}80} = \frac{620}{80}$

$\frac{78\cancel{8}10}{\cancel{8}80} = \frac{710}{80}$

denominator= 882

$\frac{4\cancel{8}51}{\cancel{8}82} = \frac{451}{82}$

denominator= 884

$\frac{2\cancel{8}73}{\cancel{8}84} = \frac{273}{84}$

$\frac{4\cancel{8}62}{\cancel{8}84} = \frac{462}{84}$

$\frac{6\cancel{8}51}{\cancel{8}84} = \frac{651}{84}$

$\frac{10\cancel{8}29}{\cancel{8}84} = \frac{1029}{84}$

$\frac{12\cancel{8}18}{\cancel{8}84} = \frac{1218}{84}$

$\frac{14\cancel{8}07}{\cancel{8}84} = \frac{1407}{84}$

denominator= 886

$\frac{4\cancel{8}73}{\cancel{8}86} = \frac{473}{86}$

$\frac{12\cancel{8}47}{\cancel{8}86} = \frac{1247}{86}$

$\frac{20\cancel{8}21}{\cancel{8}86} = \frac{2021}{86}$

This ends this book that took, 2.980, seconds to generate.

References

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