A024406: Ordered areas of primitive Pythagorean triangles.

Wolfdieter Lang, Oct 25 2016

The non-squarefree entries and their squarefree parts, that is the area (also known as primitive congruent numbers, see A006991) of the rational (not all integer sides) Pythagorean triangles:

60,   15,   [15/2, 4, 17/2],

84,   21,   [7/2, 12, 25/2],

180,   5,   [3/2, 20/3, 41/6],

504,   14,   [21/2, 8/3, 65/6],

630,   70,   [15, 28/3, 53/3],

840,   210,   [15/2, 56, 113/2],

924,   231,   [33/2, 28, 65/2],

990,   110,   [33, 20/3, 101/3],

1224,   34,   [17/6, 24, 145/6],

1320,   330,   [30, 16, 34],

1386,   154,   [77/3, 12, 85/3],

1560,   390,   [39/2, 40, 89/2],

1710,   190,   [19/3, 60, 181/3],

1716,   429,   [143/2, 12, 145/2],

2340,   65,   [65/6, 12, 97/6],

2574,   286,   [39, 44/3, 125/3],

3036,   759,   [23/2, 132, 265/2],

3900,   39,   [5/2, 156/5, 313/10],

4080,   255,   [255/4, 8, 257/4],

4620, 1155,   [105/2, 44, 137/2],

4914,   546,   [9, 364/3, 365/3],

5016, 1254,   [57/2, 88, 185/2],

5814,   646,   [323/3, 12, 325/3],

7140, 1785,   [119/2, 60, 169/2],

7440,   465,   [31/4, 120, 481/4],

7956,   221,   [51/2, 52/3, 185/6],

7980, 1995,   [95/2, 84, 193/2],

7980, 1995,   [399/2, 20, 401/2],

8976,   561,   [33/4, 136, 545/4], etc.