

*All even  $k$  for which exact value of  $M(k)$  is proved*

$M(k)$	$k$
<b>2</b>	2
<b>3</b>	10, 14, 22, 26, 34, 38, 46, 50, 58, 62, 74, 82, 86, 94, 98, 106, 118, 122, 134, 142, 146, 158, 166, 178, 182, 194, 202, 206, 214, 218, 226, 242, 254, 262, 266, 274, 278, 298, 302, 314, 326, 334, 338, 346, 358, 362, 382, 386, 394, 398, 434, 494, 518, 578, 602, 682, 722, 806, 854, 902, 938, 962, 1022, 1058, 1106, 1118, 1178, 1342, 1358, 1394, 1406, 1442, 1526, 1562, 1586, 1634, 1682, 1742, 1778, 1898, 1922, 1946, 2054, 2114, 2198, 2222, 2282, 2294, 2318, 2482, 2494, 2522, 2534, 2546, 2666, 2702, 2738, 2774, 2786, 2834, 2882, 2954, 3002, 3026, 3082, 3182, 3298, 3362, 3686, 3698, 3782, 3842, 4082, 4094, 4118, 4142, 4154, 4202, 4238, 4402, 4418, 4514, 4526, 4642, 4658, 4706, 4826, 4898, 4958, 5002, 5018, 5174, 5246, 5282, 5302, 5402, 5486, 5522, 5618, 5738, 5762, 5822, 5846, 5954, 5962, 5966, 5986, 6014, 6106, 6194, 6262, 6266, 6278, 6386, 6554, 6562, 6758, 6794, 6878, 6962, 7178, 7202, 7298, 7334, 7366, 7442, 7562, 7622, 7874, 7922, 7954, 8066, 8122, 8138, 8174, 8194, 8282, 8342, 8374, 8618, 8662, 8738, 8762, 8858, 8906, 8978, 9154, 9266, 9362, 9374, 9398, 9638, 9718, 9734, 9782, 10082, 10106, 10286, 10586, 10742, 10922
<b>5</b>	6, 18, 30, 42, 54, 66, 78, 90, 102, 114, 126, 138, 150, 162, 174, 186, 198, 210, 222, 234, 246, 258, 282, 294, 306, 330, 342, 390, 462, 510, 546, 726
<b>7</b>	8, 16, 20, 28, 32, 40, 44, 52, 56, 64, 68, 76, 80, 88, 92, 100, 104, 112, 128, 140, 160, 176, 196, 200, 208, 220, 224, 256, 260, 280, 308, 320, 352, 392, 400, 416, 440, 448, 500, 512, 560, 640, 700, 704, 784, 800, 896, 1024, 1120, 1280, 1600, 1792, 2048, 2560, 4096
<b>15</b>	12