

Greatest Common Factor (B)

Name: _____

Date: _____

List the factors of each number in each set and determine the greatest common factor.

Example. 56: (1), (2), (4), 7, (8), 14, 28, 56

288: (1), (2), 3, (4), 6, (8), 9, 12, 16, 18, 24, 32, 36, 48, 72, 96, 144, 288

GCF = 8

a) 198

384

b) 124

204

c) 400

260

d) 364

384

e) 232

400

Greatest Common Factor (B) Answers

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Example. 56: (1), (2), (4), 7, (8), 14, 28, 56

288: (1), (2), 3, (4), 6, (8), 9, 12, 16, 18, 24, 32, 36, 48, 72, 96, 144, 288

GCF = 8

a) 198: (1), (2), (3), (6), 9, 11, 18, 22, 33, 66, 99, 198

384: (1), (2), (3), 4, (6), 8, 12, 16, 24, 32, 48, 64, 96, 128, 192, 384

GCF = 6

b) 124: (1), (2), (4), 31, 62, 124

204: (1), (2), 3, (4), 6, 12, 17, 34, 51, 68, 102, 204

GCF = 4

c) 400: (1), (2), (4), (5), 8, (10), 16, (20), 25, 40, 50, 80, 100, 200, 400

260: (1), (2), (4), (5), (10), 13, (20), 26, 52, 65, 130, 260

GCF = 20

d) 364: (1), (2), (4), 7, 13, 14, 26, 28, 52, 91, 182, 364

384: (1), (2), 3, (4), 6, 8, 12, 16, 24, 32, 48, 64, 96, 128, 192, 384

GCF = 4

e) 232: (1), (2), (4), (8), 29, 58, 116, 232

400: (1), (2), (4), 5, (8), 10, 16, 20, 25, 40, 50, 80, 100, 200, 400

GCF = 8