

Greatest Common Factor (I)

Name: _____

Date: _____

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

Example. 216: (1), (2), 3, (4), 6, (8), 9, 12, 18, 24, 27, 36, 54, 72, 108, 216

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

GCF = 8

a) 300

325

b) 236

344

c) 250

275

d) 280

292

e) 224

328

Greatest Common Factor (I) Answers

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Example. 216: (1), (2), 3, (4), 6, (8), 9, 12, 18, 24, 27, 36, 54, 72, 108, 216

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

GCF = 8

a) 300: (1), 2, 3, 4, (5), 6, 10, 12, 15, 20, (25), 30, 50, 60, 75, 100, 150, 300

325: (1), (5), 13, (25), 65, 325

GCF = 25

b) 236: (1), (2), (4), 59, 118, 236

344: (1), (2), (4), 8, 43, 86, 172, 344

GCF = 4

c) 250: (1), 2, (5), 10, (25), 50, 125, 250

275: (1), (5), 11, (25), 55, 275

GCF = 25

d) 280: (1), (2), (4), 5, 7, 8, 10, 14, 20, 28, 35, 40, 56, 70, 140, 280

292: (1), (2), (4), 73, 146, 292

GCF = 4

e) 224: (1), (2), (4), 7, (8), 14, 16, 28, 32, 56, 112, 224

328: (1), (2), (4), (8), 41, 82, 164, 328

GCF = 8