

Greatest Common Factor (A)

Name: _____

Date: _____

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

Example. 370: (1), (2), (5), (10), 37, 74, 185, 370

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

GCF = 10

a) 208

300

b) 357

273

c) 284

224

d) 308

244

e) 396

279

Greatest Common Factor (A) Answers

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Example. 370: (1), (2), (5), (10), 37, 74, 185, 370

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

GCF = 10

a) 208: (1), (2), (4), 8, 13, 16, 26, 52, 104, 208

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

GCF = 4

b) 357: (1), (3), (7), 17, (21), 51, 119, 357

273: (1), (3), (7), 13, (21), 39, 91, 273

GCF = 21

c) 284: (1), (2), (4), 71, 142, 284

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

GCF = 4

d) 308: (1), (2), (4), 7, 11, 14, 22, 28, 44, 77, 154, 308

244: (1), (2), (4), 61, 122, 244

GCF = 4

e) 396: (1), 2, (3), 4, 6, (9), 11, 12, 18, 22, 33, 36, 44, 66, 99, 132, 198, 396

279: (1), (3), (9), 31, 93, 279

GCF = 9