

Greatest Common Factor (I)

Name: _____

Date: _____

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

Example. 264: (1), (2), 3, (4), 6, (8), 11, 12, 22, 24, 33, 44, 66, 88, 132, 264

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

GCF = 8

a) 132

316

b) 90

320

c) 284

192

d) 288

160

e) 320

148

Greatest Common Factor (I) Answers

Name: _____

Date: _____

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

Example. 264: (1), (2), 3, (4), 6, (8), 11, 12, 22, 24, 33, 44, 66, 88, 132, 264

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

GCF = 8

a) 132: (1), (2), 3, (4), 6, 11, 12, 22, 33, 44, 66, 132

316: (1), (2), (4), 79, 158, 316

GCF = 4

b) 90: (1), (2), 3, (5), 6, 9, (10), 15, 18, 30, 45, 90

320: (1), (2), 4, (5), 8, (10), 16, 20, 32, 40, 64, 80, 160, 320

GCF = 10

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

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

GCF = 4

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

160: (1), (2), (4), 5, (8), 10, (16), 20, (32), 40, 80, 160

GCF = 32

e) 320: (1), (2), (4), 5, 8, 10, 16, 20, 32, 40, 64, 80, 160, 320

148: (1), (2), (4), 37, 74, 148

GCF = 4