

Greatest Common Factor (B)

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

279: ①, ③, ⑨, 31, 93, 279

GCF = 9

a) 384

260

b) 324

369

c) 344

304

d) 392

368

e) 322

210

Greatest Common Factor (B) Answers

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

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

GCF = 9

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

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

GCF = 4

b) 324: (1), 2, (3), 4, 6, (9), 12, 18, 27, 36, 54, 81, 108, 162, 324

369: (1), (3), (9), 41, 123, 369

GCF = 9

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

304: (1), (2), (4), (8), 16, 19, 38, 76, 152, 304

GCF = 8

d) 392: (1), (2), (4), 7, (8), 14, 28, 49, 56, 98, 196, 392

368: (1), (2), (4), (8), 16, 23, 46, 92, 184, 368

GCF = 8

e) 322: (1), (2), (7), (14), 23, 46, 161, 322

210: (1), (2), 3, 5, 6, (7), 10, (14), 15, 21, 30, 35, 42, 70, 105, 210

GCF = 14