

Greatest Common Factor (J)

Name: _____

Date: _____

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

Example. 252: ①, 2, ③, 4, 6, 7, ⑨, 12, 14, 18, 21, 28, 36, 42, 63, 84, 126, 252

279: ①, ③, ⑨, 31, 93, 279

GCF = 9

a) 268

248

b) 280

310

c) 372

336

d) 252

340

e) 276

280

Greatest Common Factor (J) Answers

Name: _____

Date: _____

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

Example. 252: (1), 2, (3), 4, 6, 7, (9), 12, 14, 18, 21, 28, 36, 42, 63, 84, 126, 252

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

GCF = 9

a) 268: (1), (2), (4), 67, 134, 268

248: (1), (2), (4), 8, 31, 62, 124, 248

GCF = 4

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

310: (1), (2), (5), (10), 31, 62, 155, 310

GCF = 10

c) 372: (1), (2), (3), (4), (6), (12), 31, 62, 93, 124, 186, 372

336: (1), (2), (3), (4), (6), 7, 8, (12), 14, 16, 21, 24, 28, 42, 48, 56, 84, 112, 168, 336

GCF = 12

d) 252: (1), (2), 3, (4), 6, 7, 9, 12, 14, 18, 21, 28, 36, 42, 63, 84, 126, 252

340: (1), (2), (4), 5, 10, 17, 20, 34, 68, 85, 170, 340

GCF = 4

e) 276: (1), (2), 3, (4), 6, 12, 23, 46, 69, 92, 138, 276

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

GCF = 4