

Greatest Common Factor (F)

Name: _____

Date: _____

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

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

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

GCF = 4

a) 352

332

b) 266

210

c) 216

336

d) 316

228

e) 286

234

Greatest Common Factor (F) Answers

Name: _____

Date: _____

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

Example. 200: ①, ②, ④, 5, 8, 10, 20, 25, 40, 50, 100, 200

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

GCF = 4

a) 352: ①, ②, ④, 8, 11, 16, 22, 32, 44, 88, 176, 352

332: ①, ②, ④, 83, 166, 332

GCF = 4

b) 266: ①, ②, ⑦, ⑭, 19, 38, 133, 266

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

GCF = 14

c) 216: ①, ②, ③, ④, ⑥, ⑧, 9, ⑫, 18, ⑳, 27, 36, 54, 72, 108, 216

336: ①, ②, ③, ④, ⑥, 7, ⑧, ⑫, 14, 16, 21, ⑳, 28, 42, 48, 56, 84, 112, 168, 336

GCF = 24

d) 316: ①, ②, ④, 79, 158, 316

228: ①, ②, 3, ④, 6, 12, 19, 38, 57, 76, 114, 228

GCF = 4

e) 286: ①, ②, 11, ⑬, 22, ⑳, 143, 286

234: ①, ②, 3, 6, 9, ⑬, 18, ⑳, 39, 78, 117, 234

GCF = 26