

Greatest Common Factor (G)

Name: _____

Date: _____

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

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

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

GCF = 12

a) 244

366

b) 264

231

c) 312

268

d) 238

252

e) 200

388

Greatest Common Factor (G) Answers

Name: _____

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

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

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

GCF = 12

a) 244: ①, ②, 4, ⑥①, ⑫②, 244

366: ①, ②, 3, 6, ⑥①, ⑫②, 183, 366

GCF = 122

b) 264: ①, 2, ③, 4, 6, 8, ⑪①, 12, 22, 24, ③③, 44, 66, 88, 132, 264

231: ①, ③, 7, ⑪①, 21, ③③, 77, 231

GCF = 33

c) 312: ①, ②, 3, ④, 6, 8, 12, 13, 24, 26, 39, 52, 78, 104, 156, 312

268: ①, ②, ④, 67, 134, 268

GCF = 4

d) 238: ①, ②, ⑦, ⑭④, 17, 34, 119, 238

252: ①, ②, 3, 4, 6, ⑦, 9, 12, ⑭④, 18, 21, 28, 36, 42, 63, 84, 126, 252

GCF = 14

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

388: ①, ②, ④, 97, 194, 388

GCF = 4