

Greatest Common Factor (C)

Name: _____

Date: _____

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

Example. 114: ①, ②, ③, ⑥, 19, 38, 57, 114

138: ①, ②, ③, ⑥, 23, 46, 69, 138

GCF = 6

a) 186

222

b) 200

190

c) 132

140

d) 168

344

e) 170

238

Greatest Common Factor (C) Answers

Name: _____

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

Example. 114: ①, ②, ③, ⑥, 19, 38, 57, 114

138: ①, ②, ③, ⑥, 23, 46, 69, 138

GCF = 6

a) 186: ①, ②, ③, ⑥, 31, 62, 93, 186

222: ①, ②, ③, ⑥, 37, 74, 111, 222

GCF = 6

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

190: ①, ②, ⑤, ⑩, 19, 38, 95, 190

GCF = 10

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

140: ①, ②, ④, 5, 7, 10, 14, 20, 28, 35, 70, 140

GCF = 4

d) 168: ①, ②, 3, ④, 6, 7, ⑧, 12, 14, 21, 24, 28, 42, 56, 84, 168

344: ①, ②, ④, ⑧, 43, 86, 172, 344

GCF = 8

e) 170: ①, ②, 5, 10, ⑩, ⑩, 85, 170

238: ①, ②, 7, 14, ⑩, ⑩, 119, 238

GCF = 34