

Greatest Common Factor (A)

Name: _____

Date: _____

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

Example. 153: (1), (3), (9), 17, 51, 153

117: (1), (3), (9), 13, 39, 117

GCF = 9

a) 150

170

b) 186

174

c) 180

184

d) 186

150

e) 196

104

Greatest Common Factor (A) Answers

Name: _____

Date: _____

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

Example. 153: ①, ③, ⑨, 17, 51, 153

117: ①, ③, ⑨, 13, 39, 117

GCF = 9

a) 150: ①, ②, 3, ⑤, 6, ⑩, 15, 25, 30, 50, 75, 150

170: ①, ②, ⑤, ⑩, 17, 34, 85, 170

GCF = 10

b) 186: ①, ②, ③, ⑥, 31, 62, 93, 186

174: ①, ②, ③, ⑥, 29, 58, 87, 174

GCF = 6

c) 180: ①, ②, 3, ④, 5, 6, 9, 10, 12, 15, 18, 20, 30, 36, 45, 60, 90, 180

184: ①, ②, ④, 8, 23, 46, 92, 184

GCF = 4

d) 186: ①, ②, ③, ⑥, 31, 62, 93, 186

150: ①, ②, ③, 5, ⑥, 10, 15, 25, 30, 50, 75, 150

GCF = 6

e) 196: ①, ②, ④, 7, 14, 28, 49, 98, 196

104: ①, ②, ④, 8, 13, 26, 52, 104

GCF = 4