

Greatest Common Factor (I)

Name: _____

Date: _____

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

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

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

GCF = 4

a) 120

104

b) 100

110

c) 156

100

d) 190

110

e) 195

117

Greatest Common Factor (I) Answers

Name: _____

Date: _____

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

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

108: (1), (2), 3, (4), 6, 9, 12, 18, 27, 36, 54, 108

GCF = 4

a) 120: (1), (2), 3, (4), 5, 6, (8), 10, 12, 15, 20, 24, 30, 40, 60, 120

104: (1), (2), (4), (8), 13, 26, 52, 104

GCF = 8

b) 100: (1), (2), 4, (5), (10), 20, 25, 50, 100

110: (1), (2), (5), (10), 11, 22, 55, 110

GCF = 10

c) 156: (1), (2), 3, (4), 6, 12, 13, 26, 39, 52, 78, 156

100: (1), (2), (4), 5, 10, 20, 25, 50, 100

GCF = 4

d) 190: (1), (2), (5), (10), 19, 38, 95, 190

110: (1), (2), (5), (10), 11, 22, 55, 110

GCF = 10

e) 195: (1), (3), 5, (13), 15, (39), 65, 195

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

GCF = 39