

Greatest Common Factor (E)

Name: _____

Date: _____

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

Example. 120: ①, ②, ③, ④, 5, ⑥, 8, 10, ⑫, 15, 20, 24, 30, 40, 60, 120

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

GCF = 12

a) 144

152

b) 150

125

c) 132

138

d) 126

102

e) 190

160

Greatest Common Factor (E) Answers

Name: _____

Date: _____

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

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

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

GCF = 12

a) 144: (1), (2), 3, (4), 6, (8), 9, 12, 16, 18, 24, 36, 48, 72, 144

152: (1), (2), (4), (8), 19, 38, 76, 152

GCF = 8

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

125: (1), (5), (25), 125

GCF = 25

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

138: (1), (2), (3), (6), 23, 46, 69, 138

GCF = 6

d) 126: (1), (2), (3), (6), 7, 9, 14, 18, 21, 42, 63, 126

102: (1), (2), (3), (6), 17, 34, 51, 102

GCF = 6

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

160: (1), (2), 4, (5), 8, (10), 16, 20, 32, 40, 80, 160

GCF = 10