

Greatest Common Factor (G)

Name: _____

Date: _____

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

Example. 286: (1), (2), 11, (13), 22, (26), 143, 286

130: (1), (2), 5, 10, (13), (26), 65, 130

GCF = 26

a) 246

318

b) 104

172

c) 75

330

d) 256

132

e) 190

10

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. 286: (1), (2), 11, (13), 22, (26), 143, 286

130: (1), (2), 5, 10, (13), (26), 65, 130

GCF = 26

a) 246: (1), (2), (3), (6), 41, 82, 123, 246

318: (1), (2), (3), (6), 53, 106, 159, 318

GCF = 6

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

172: (1), (2), (4), 43, 86, 172

GCF = 4

c) 75: (1), (3), (5), (15), 25, 75

330: (1), 2, (3), (5), 6, 10, 11, (15), 22, 30, 33, 55, 66, 110, 165, 330

GCF = 15

d) 256: (1), (2), (4), 8, 16, 32, 64, 128, 256

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

GCF = 4

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

10: (1), (2), (5), (10)

GCF = 10