

Greatest Common Factor (D)

Name: _____

Date: _____

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

Example. 174: (1), (2), (3), (6), 29, 58, 87, 174

90: (1), (2), (3), 5, (6), 9, 10, 15, 18, 30, 45, 90

GCF = 6

a) 328

256

b) 136

368

c) 236

88

d) 42

56

e) 126

154

Greatest Common Factor (D) Answers

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Example. 174: (1), (2), (3), (6), 29, 58, 87, 174

90: (1), (2), (3), 5, (6), 9, 10, 15, 18, 30, 45, 90

GCF = 6

a) 328: (1), (2), (4), (8), 41, 82, 164, 328

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

GCF = 8

b) 136: (1), (2), (4), (8), 17, 34, 68, 136

368: (1), (2), (4), (8), 16, 23, 46, 92, 184, 368

GCF = 8

c) 236: (1), (2), (4), 59, 118, 236

88: (1), (2), (4), 8, 11, 22, 44, 88

GCF = 4

d) 42: (1), (2), 3, 6, (7), (14), 21, 42

56: (1), (2), 4, (7), 8, (14), 28, 56

GCF = 14

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

154: (1), (2), (7), 11, (14), 22, 77, 154

GCF = 14