

Greatest Common Factor (E)

Name: _____

Date: _____

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

Example. 308: (1), (2), (4), 7, (11), 14, (22), 28, (44), 77, 154, 308

352: (1), (2), (4), 8, (11), 16, (22), 32, (44), 88, 176, 352

GCF = 44

a) 20

376

b) 68

392

c) 96

328

d) 114

78

e) 128

92

Greatest Common Factor (E) Answers

Name: _____

Date: _____

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

Example. 308: (1), (2), (4), 7, (11), 14, (22), 28, (44), 77, 154, 308

352: (1), (2), (4), 8, (11), 16, (22), 32, (44), 88, 176, 352

GCF = 44

a) 20: (1), (2), (4), 5, 10, 20

376: (1), (2), (4), 8, 47, 94, 188, 376

GCF = 4

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

392: (1), (2), (4), 7, 8, 14, 28, 49, 56, 98, 196, 392

GCF = 4

c) 96: (1), (2), 3, (4), 6, (8), 12, 16, 24, 32, 48, 96

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

GCF = 8

d) 114: (1), (2), (3), (6), 19, 38, 57, 114

78: (1), (2), (3), (6), 13, 26, 39, 78

GCF = 6

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

92: (1), (2), (4), 23, 46, 92

GCF = 4