

Greatest Common Factor (H)

Name: _____

Date: _____

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

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

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

GCF = 4

a) 18

396

b) 250

340

c) 40

130

d) 56

350

e) 244

400

Greatest Common Factor (H) Answers

Name: _____

Date: _____

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

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

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

GCF = 4

a) 18: (1), (2), (3), (6), (9), (18)

396: (1), (2), (3), 4, (6), (9), 11, 12, (18), 22, 33, 36, 44, 66, 99, 132, 198, 396

GCF = 18

b) 250: (1), (2), (5), (10), 25, 50, 125, 250

340: (1), (2), 4, (5), (10), 17, 20, 34, 68, 85, 170, 340

GCF = 10

c) 40: (1), (2), 4, (5), 8, (10), 20, 40

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

GCF = 10

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

350: (1), (2), 5, (7), 10, (14), 25, 35, 50, 70, 175, 350

GCF = 14

e) 244: (1), (2), (4), 61, 122, 244

400: (1), (2), (4), 5, 8, 10, 16, 20, 25, 40, 50, 80, 100, 200, 400

GCF = 4