

Greatest Common Factor (H)

Name: _____

Date: _____

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

Example. 372: (1), (2), 3, (4), 6, 12, 31, 62, 93, 124, 186, 372

316: (1), (2), (4), 79, 158, 316

GCF = 4

a) 216

200

b) 207

387

c) 324

378

d) 392

372

e) 396

372

Greatest Common Factor (H) Answers

Name: _____

Date: _____

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

Example. 372: (1), (2), 3, (4), 6, 12, 31, 62, 93, 124, 186, 372

316: (1), (2), (4), 79, 158, 316

GCF = 4

a) 216: (1), (2), 3, (4), 6, (8), 9, 12, 18, 24, 27, 36, 54, 72, 108, 216

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

GCF = 8

b) 207: (1), (3), (9), 23, 69, 207

387: (1), (3), (9), 43, 129, 387

GCF = 9

c) 324: (1), (2), (3), 4, (6), (9), 12, (18), (27), 36, (54), 81, 108, 162, 324

378: (1), (2), (3), (6), 7, (9), 14, (18), 21, (27), 42, (54), 63, 126, 189, 378

GCF = 54

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

372: (1), (2), 3, (4), 6, 12, 31, 62, 93, 124, 186, 372

GCF = 4

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

372: (1), (2), (3), (4), (6), (12), 31, 62, 93, 124, 186, 372

GCF = 12