

Greatest Common Factor (A)

Name: _____

Date: _____

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

Example. 252: (1), (2), (3), (4), (6), 7, 9, (12), 14, 18, 21, 28, 36, 42, 63, 84, 126, 252

192: (1), (2), (3), (4), (6), 8, (12), 16, 24, 32, 48, 64, 96, 192

GCF = 12

a) 246

369

b) 387

9

c) 345

285

d) 350

290

e) 15

375

Greatest Common Factor (A) Answers

Name: _____

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

Example. 252: (1), (2), (3), (4), (6), 7, 9, (12), 14, 18, 21, 28, 36, 42, 63, 84, 126, 252

192: (1), (2), (3), (4), (6), 8, (12), 16, 24, 32, 48, 64, 96, 192

GCF = 12

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

369: (1), (3), 9, (41), (123), 369

GCF = 123

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

9: (1), (3), (9)

GCF = 9

c) 345: (1), (3), (5), (15), 23, 69, 115, 345

285: (1), (3), (5), (15), 19, 57, 95, 285

GCF = 15

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

290: (1), (2), (5), (10), 29, 58, 145, 290

GCF = 10

e) 15: (1), (3), (5), (15)

375: (1), (3), (5), (15), 25, 75, 125, 375

GCF = 15