

# Greatest Common Factor (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

Example. 320: (1), (2), (4), 5, (8), 10, (16), 20, 32, 40, 64, 80, 160, 320

272: (1), (2), (4), (8), (16), 17, 34, 68, 136, 272

GCF = 16

a) 380

292

b) 230

390

c) 272

236

d) 366

384

e) 312

360

# Greatest Common Factor (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

Example. 320: (1), (2), (4), 5, (8), 10, (16), 20, 32, 40, 64, 80, 160, 320

272: (1), (2), (4), (8), (16), 17, 34, 68, 136, 272

**GCF = 16**

a) 380: (1), (2), (4), 5, 10, 19, 20, 38, 76, 95, 190, 380

292: (1), (2), (4), 73, 146, 292

**GCF = 4**

b) 230: (1), (2), (5), (10), 23, 46, 115, 230

390: (1), (2), 3, (5), 6, (10), 13, 15, 26, 30, 39, 65, 78, 130, 195, 390

**GCF = 10**

c) 272: (1), (2), (4), 8, 16, 17, 34, 68, 136, 272

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

**GCF = 4**

d) 366: (1), (2), (3), (6), 61, 122, 183, 366

384: (1), (2), (3), 4, (6), 8, 12, 16, 24, 32, 48, 64, 96, 128, 192, 384

**GCF = 6**

e) 312: (1), (2), (3), (4), (6), (8), (12), 13, (24), 26, 39, 52, 78, 104, 156, 312

360: (1), (2), (3), (4), 5, (6), (8), 9, 10, (12), 15, 18, 20, (24), 30, 36, 40, 45, 60, 72, 90, 120, 180, 360

**GCF = 24**