

Greatest Common Factor (F)

Name: _____

Date: _____

Use the prime factors of the numbers in each set to calculate the greatest common factor.

a) $144 = 2 \times 2 \times 2 \times 2 \times 3 \times 3$

b) 264

$280 = 2 \times 2 \times 2 \times 5 \times 7$

296

$GCF = 2 \times 2 \times 2 = 8$

c) 300

d) 100

340

76

e) 75

f) 354

250

330

g) 348

h) 32

220

80

i) 76

j) 370

60

300