

# Greatest Common Factor (C)

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

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

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

a)  $204 = \textcircled{2} \times 2 \times \textcircled{3} \times 17$

b) 294

$42 = \textcircled{2} \times \textcircled{3} \times 7$

78

$\text{GCF} = \textcircled{2} \times \textcircled{3} = 6$

c) 288

d) 100

104

376

e) 264

f) 168

244

318

g) 162

h) 99

387

396

i) 138

j) 325

324

400