

Greatest Common Factor (G)

Name: _____

Date: _____

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

a) $128 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$ b) 100

$192 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 3$ 184

$GCF = 2 \times 2 \times 2 \times 2 \times 2 \times 2 = 64$

c) 189

d) 160

171

152

e) 112

f) 100

196

112

g) 176

h) 108

152

160

i) 150

j) 174

156

126