

Greatest Common Factor (D)

Name: _____

Date: _____

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

a) $180 = 2 \times 2 \times 3 \times 3 \times 5$

b) 188

$144 = 2 \times 2 \times 2 \times 2 \times 3 \times 3$

112

$GCF = 2 \times 2 \times 3 \times 3 = 36$

c) 171

d) 100

198

120

e) 116

f) 105

124

175

g) 156

h) 140

186

110

i) 135

j) 186

165

138