## Greatest Common Factor (A)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $396=$ (2) $2 \times 3 \times 3 \times 11$
b) 297
$204=2 \times 2 \times 3 \times 17$
135
$\mathrm{GCF}=(2) \times(2) \times 12$
c) 144

68
d) 186

288
e) 48

306
f) 76

108
g) 322
h) 72

78
i) 200

190
j) 44

4

## Greatest Common Factor (A) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $396=(2) \times(2) \times(3) \times 3 \times 11$

$$
204=(2) \times(2) \times(3) \times 17
$$

$$
\text { GCF }=(2) \times(2) \times(3)=12
$$

b) $297=(3) \times(3) \times(3) \times 11$
$135=(3) \times(3) \times(3) \times 5$
$\mathrm{GCF}=(3) \times(3) \times(3)=27$
c) $144=$ (2) $\times$ (2) $\times 2 \times 2 \times 3 \times 3$

$$
68=(2) \times(2) \times 17
$$

$$
\text { GCF }=(2) \times(2)=4
$$

d) $186=$ (2) $\times$ (3) $\times 31$ $288=$ (2) $\times 2 \times 2 \times 2 \times 2 \times(3) \times 3$ GCF $=(2) \times(3)=6$
e) $48=$ (2) $\times 2 \times 2 \times 2 \times(3)$
$306=(2) \times(3) \times 3 \times 17$
$\mathrm{GCF}=(2) \times(3)=6$
f) $76=$ (2) $\times$ (2) $\times 19$
$108=(2) \times(2) \times 3 \times 3 \times 3$
GCF $=(2) \times(2)=4$

$$
\text { g) } 322=(2) \times(7) \times 23
$$

h) $72=(2) \times 2 \times 2 \times(3) \times 3$

$$
78=(2) \times(3) \times 13
$$

$$
\mathrm{GCF}=(2) \times(3)=6
$$

i) $200=$ (2) $\times 2 \times 2 \times$ (5) $\times 5$
j) $44=(2) \times(2) \times 11$
$190=(2) \times(5) \times 19$
GCF $=(2) \times(5)=10$

$$
\begin{aligned}
& 4=(2) \times(2) \\
& G C F=(2) \times(2)=4
\end{aligned}
$$

## Greatest Common Factor (B)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $190=2 \times 5 \times 19$
b) 66
$360=(2) \times 2 \times 2 \times 3 \times 3 \times$ (5) 192
$\mathrm{GCF}=(2) \times 5=10$
c) 270
d) 72

297

$$
120
$$

e) 150
f) 234

48
252
g) 234
h) 30

18
168
i) 124
j) 248
84 192

## Greatest Common Factor (B) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $190=$ (2) $\times$ (5) $\times 19$
b) $66=(2) \times(3) \times 11$
$360=$ (2) $\times 2 \times 2 \times 3 \times 3 \times$ (5)
GCF $=(2) \times(5)=10$

$$
\begin{aligned}
& 192=(2) \times 2 \times 2 \times 2 \times 2 \times 2 \times(3) \\
& G C F=(2) \times(3)=6
\end{aligned}
$$

c) $270=2 \times(3) \times(3) \times(3) \times 5$
$297=(3) \times(3) \times(3) \times 11$
GCF $=(3) \times(3) \times(3)=27$
e) $150=$ (2) $\times$ (3) $\times 5 \times 5$
$48=(2) \times 2 \times 2 \times 2 \times(3)$
GCF $=(2) \times(3)=6$
d) $72=$ (2) $\times$ (2) $\times$ (2) $\times(3) \times 3$
$120=$ (2) $\times$ (2) $\times(2) \times(3) \times 5$
GCF $=(2) \times(2) \times(2) \times(3)=24$

$$
\text { f) } \begin{aligned}
234 & =(2) \times(3) \times(3) \times 13 \\
252 & =(2) \times 2 \times(3) \times(3) \times 7 \\
\text { GCF } & =(2) \times(3) \times(3)=18
\end{aligned}
$$

$$
\text { g) } \begin{aligned}
234 & =(2) \times(3) \times(3) \times 13 \\
18 & =(2) \times(3) \times(3) \\
\text { GCF } & =(2) \times(3) \times(3)=18
\end{aligned}
$$

h) $30=(2) \times(3) \times 5$
$168=(2) \times 2 \times 2 \times(3) \times 7$ $\mathrm{GCF}=(2) \times(3)=6$
i) $124=$ (2) $\times$ (2) $\times 31$
j) $248=$ (2) $\times$ (2) $\times$ (2) $\times 31$
$192=(2) \times(2) \times(2) \times 2 \times 2 \times 2 \times 3$
GCF $=(2) \times(2) \times(2)=8$

## Greatest Common Factor (C)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $204=2 \times 2 \times 3 \times 17$
b) 294
$42=(2 \times 3 \times 7$
78
$\mathrm{GCF}=(2) \times 3=6$
c) 288
d) 100

104
376
e) 264
f) 168

244
318
g) 162
h) 99

387
396
i) 138
j) 325
324400

## Greatest Common Factor (C) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $204=(2) \times 2 \times(3) \times 17$
b) $294=$ (2) $\times$ (3) $\times 7 \times 7$
$78=(2) \times(3) \times 13$
GCF $=(2) \times(3)=6$
GCF $=(2) \times(3)=6$
c) $288=(2) \times(2) \times(2) \times 2 \times 2 \times 3 \times 3$
d) $100=$ (2) $\times$ (2) $\times 5 \times 5$
$104=$ (2) $\times$ (2) $\times(2) \times 13$
$376=(2) \times(2) \times 2 \times 47$
GCF $=(2) \times(2) \times(2)=8$
GCF $=(2) \times(2)=4$
e) $264=$ (2) $\times$ (2) $\times 2 \times 3 \times 11$

$$
\begin{aligned}
& 244=(2) \times(2) \times 61 \\
& G C F=(2) \times(2)=4
\end{aligned}
$$

f) $168=$ (2) $\times 2 \times 2 \times$ (3) $\times 7$
$318=(2) \times(3) \times 53$
$\mathrm{GCF}=(2) \times(3)=6$
g) $162=2 \times(3) \times(3) \times 3 \times 3$

$$
\begin{aligned}
& 387=(3) \times(3) \times 43 \\
& G C F=(3) \times(3)=9
\end{aligned}
$$

h) $99=(3) \times(3) \times 11$
$396=2 \times 2 \times(3) \times(3) \times(11)$

$$
\mathrm{GCF}=(3) \times(3) \times 11=99
$$

$$
\text { i) } \begin{aligned}
138 & =(2) \times(3) \times 23 \\
324 & =(2) \times 2 \times(3) \times 3 \times 3 \times 3 \\
\text { GCF } & =(2) \times(3)=6
\end{aligned}
$$

$$
\text { j) } \begin{aligned}
325 & =(5) \times(5) \times 13 \\
400 & =2 \times 2 \times 2 \times 2 \times(5) \times(5) \\
\text { GCF } & =5 \times(5)=25
\end{aligned}
$$

## Greatest Common Factor (D)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $150=$ (2) $\times(3) \times 5 \times 5$
b) 36
$204=(2) \times 2 \times(3) \times 17$ 304
GCF $=(2) \times(3)=6$
c) 306 366
d) 78

240
e) 279

351
f) 21

357
g) 128

200
h) 360

222
i) 312
j) 189
100

## Greatest Common Factor (D) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $150=$ (2) $\times(3) \times 5 \times 5$
b) $36=$ (2) $\times$ (2) $\times 3 \times 3$
$304=$ (2) $\times(2) \times 2 \times 2 \times 19$
GCF $=(2) \times(2)=4$
c) $306=(2) \times(3) \times 3 \times 17$
d) $78=$ (2) $\times$ (3) $\times 13$
$240=$ (2) $\times 2 \times 2 \times 2 \times$ (3) $\times 5$
GCF $=(2) \times(3)=6$
e) $279=$ (3) $\times(3) \times 31$

$$
\begin{aligned}
& 351=(3) \times(3) \times 3 \times 13 \\
& \mathrm{GCF}=(3) \times(3)=9
\end{aligned}
$$

f) $21=(3) \times(7)$
$357=(3) \times 7 \times 17$
GCF $=(3) \times(7)=21$
g) $128=(2) \times(2) \times(2) \times 2 \times 2 \times 2 \times 2$
h) $360=$ (2) $\times 2 \times 2 \times(3) \times 3 \times 5$
$200=(2) \times(2) \times(2) \times 5 \times 5$
$222=(2) \times(3) \times 37$
GCF $=(2) \times(3)=6$
i) $312=$ (2) $\times$ (2) $\times 2 \times 3 \times 13$
$100=(2) \times(2) \times 5 \times 5$
GCF $=(2) \times(2)=4$
j) $189=(3) \times(3) \times(3) \times 7$

$$
243=(3) \times(3) \times(3) \times 3 \times 3
$$

$$
\mathrm{GCF}=(3) \times(3) \times(3)=27
$$

## Greatest Common Factor (E)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $124=$ (2) $2 \times 31$
b) 72
$204=(2) \times 2 \times 17$
68

$$
\mathrm{GCF}=(2) \times 2=4
$$

c) 40

4
d) 12

188
e) 180

268
f) 84

366
g) 76

44
h) 368

196
i) 308
j) 80

392

## Greatest Common Factor (E) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $124=$ (2) $\times$ (2) $\times 31$
b) $72=$ (2) $\times$ (2) $\times 2 \times 3 \times 3$
$68=(2) \times(2) \times 17$
GCF $=(2) \times(2)=4$
c) $40=$ (2) $\times$ (2) $\times 2 \times 5$
$4=$ (2) $\times(2)$
GCF $=(2) \times(2)=4$
d) $12=$ (2) $\times$ (2) $\times 3$
$188=(2) \times(2) \times 47$ GCF $=(2) \times(2)=4$
e) $180=$ (2) $\times$ (2) $\times 3 \times 3 \times 5$

$$
268=(2) \times(2) \times 67
$$

$$
\mathrm{GCF}=(2) \times(2)=4
$$

f) $84=$ (2) $\times 2 \times$ (3) $\times 7$
$366=(2) \times(3) \times 61$
GCF $=(2) \times(3)=6$
g) $76=(2) \times(2) \times 19$

$$
44=(2) \times(2) \times 11
$$

$$
\text { GCF }=(2) \times(2)=4
$$

h) $368=(2) \times(2) \times 2 \times 2 \times 23$
$196=(2) \times(2) \times 7 \times 7$ GCF $=(2) \times(2)=4$

$$
\text { i) } \begin{aligned}
308 & =(2) \times(2) \times(7) \times 11 \\
392 & =(2) \times(2) \times 2 \times(7) \times 7 \\
\text { GCF } & =(2) \times(2) \times(7)=28
\end{aligned}
$$

$$
\begin{gathered}
\text { j) } 80=2 \times 2 \times 2 \times 2 \times 5 \\
308=2 \times 2 \times 7 \times 11 \\
\text { GCF }=2 \times 2=4
\end{gathered}
$$

## Greatest Common Factor (F)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $144=2 \times 2 \times 2 \times 2 \times 3$
b) 264
$280=(2) \times 2 \times 2 \times 5 \times 7$ 296 GCF $=2 \times 2 \times 2=8$
c) 300 340
d) 100

76
e) 75

250
f) 354

330
g) 348

220
h) 32

80
i) 76
j) 370
60

## Greatest Common Factor (F) Answers

Name: $\qquad$ Date: $\qquad$
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) $264=(2) \times(2) \times(2) \times 3 \times 11$
$296=(2) \times(2) \times(2) \times 37$ GCF $=(2) \times(2) \times(2)=8$
c) $300=$ (2) $\times$ (2) $\times 3 \times(5) \times 5$

$$
\begin{aligned}
& 340=(2) \times(2) \times 5) \times 17 \\
& G C F=(2) \times(2) \times(5)=20
\end{aligned}
$$

d) $100=$ (2) $\times$ (2) $\times 5 \times 5$
$76=(2) \times(2) \times 19$ GCF $=(2) \times(2)=4$
e) $75=3 \times(5) \times(5)$

$$
\begin{aligned}
& 250=2 \times 5 \times 5 \times 5 \\
& \text { GCF }=5 \times 5=25
\end{aligned}
$$

f) $354=$ (2) $\times$ (3) $\times 59$
$330=(2) \times(3) \times 5 \times 11$ GCF $=(2) \times(3)=6$
g) $348=(2) \times(2) \times 3 \times 29$

$$
220=(2) \times(2) \times 5 \times 11
$$

h) $32=(2) \times(2) \times(2) \times(2) \times 2$

$$
\text { GCF }=(2) \times(2)=4
$$

$$
\begin{aligned}
& 80=(2) \times(2) \times(2) \times(2) \times 5 \\
& G C F=(2) \times(2) \times(2) \times(2)=16
\end{aligned}
$$

i) $76=$ (2) $\times$ (2) $\times 19$
$60=$ (2) $\times$ (2) $\times 3 \times 5$
GCF $=(2) \times(2)=4$

$$
\text { j) } \begin{aligned}
370 & =(2) \times(5) \times 37 \\
300 & =(2) \times 2 \times 3 \times(5) \times 5 \\
\text { GCF } & =(2) \times(5)=10
\end{aligned}
$$

## Greatest Common Factor (G)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $352=2 \times 2 \times 2 \times 2 \times 11$
b) 152
$48=2 \times(2) \times 2 \times 3$
176
$\mathrm{GCF}=2 \times 2 \times 2 \times 2=16$
c) 24

108
d) 282

132
e) 212

40
g) 72

243
i) 248

12
h) 368

230
j) 56
f) 336

8

196

## Greatest Common Factor (G) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $352=(2) \times(2) \times(2) \times(2) \times 2 \times 11$
b) $152=(2) \times(2) \times(2) \times 19$

$$
48=(2) \times(2) \times(2) \times(2) \times 3
$$

$$
\text { GCF }=(2) \times(2) \times(2) \times(2)=16
$$

$$
\begin{aligned}
& 176=(2) \times(2) \times(2) \times 2 \times 11 \\
& G C F=(2) \times(2) \times(2)=8
\end{aligned}
$$

$$
\text { c) } \begin{aligned}
24 & =(2) \times(2) \times 2 \times(3) \\
108 & =(2) \times(2) \times(3) \times 3 \times 3 \\
\text { GCF } & =(2) \times(2) \times(3)=12
\end{aligned}
$$

d) $282=$ (2) $\times$ (3) $\times 47$

$$
132=(2) \times 2 \times(3) \times 11
$$

$$
\mathrm{GCF}=(2) \times(3)=6
$$

e) $212=(2) \times(2) \times 53$
$40=(2) \times(2) \times 2 \times 5$
GCF $=(2) \times(2)=4$
f) $336=$ (2) $\times$ (2) $\times$ (2) $\times 2 \times 3 \times 7$
$8=(2) \times(2) \times(2)$
GCF $=(2) \times(2) \times(2)=8$

$$
\begin{aligned}
\text { g) } 72= & 2 \times 2 \times 2 \times(3) \times(3) \\
243 & =(3) \times(3) \times 3 \times 3 \times 3 \\
\text { GCF } & =(3) \times(3)=9
\end{aligned}
$$

h) $368=$ (2) $\times 2 \times 2 \times 2 \times 23$
$230=(2) \times 5 \times 23$

$$
\mathrm{GCF}=(2) \times 23=46
$$

i) $248=$ (2) $\times$ (2) $\times 2 \times 31$

$$
\text { j) } \begin{aligned}
56 & =(2) \times(2) \times 2 \times(7) \\
196 & =(2) \times(2) \times(7) \times 7 \\
\text { GCF } & =(2) \times(2) \times(7)=28
\end{aligned}
$$

## Greatest Common Factor (H)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $126=2 \times(3) \times(3) \times(7)$
b) 54
$63=(3) \times(3) \times(7)$ 390
$\mathrm{GCF}=(3) \times(3) \times(7)=63$
c) 210
d) 52
375 284
e) 39
f) 56

195
156
g) 54

138
h) 260

50
i) 304

112
j) 66
$112 \quad 231$

## Greatest Common Factor (H) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $126=2 \times(3) \times(3) \times(7)$
b) $54=$ (2) $\times$ (3) $\times 3 \times 3$
$63=(3) \times(3) \times(7)$
GCF $=(3) \times(3) \times(7)=63$

$$
\begin{aligned}
& 390=(2) \times(3) \times 5 \times 13 \\
& G C F=(2) \times(3)=6
\end{aligned}
$$

c) $210=2 \times(3) \times(5) \times 7$
d) $52=$ (2) $\times$ (2) $\times 13$
$375=(3) \times(5) \times 5 \times 5$
$284=$ (2) $\times(2) \times 71$
$\mathrm{GCF}=(3) \times(5)=15$

$$
\text { GCF }=(2) \times(2)=4
$$

e) $39=(3) \times 13$

$$
\begin{aligned}
& 195=(3) \times 5 \times 13 \\
& \text { GCF }=3 \times 13=39
\end{aligned}
$$

$$
\text { f) } \begin{aligned}
56 & =(2) \times(2) \times 2 \times 7 \\
156 & =(2) \times(2) \times 3 \times 13 \\
\text { GCF } & =(2) \times(2)=4
\end{aligned}
$$

g) $54=(2) \times(3) \times 3 \times 3$

$$
\begin{aligned}
& 138=(2) \times(3) \times 23 \\
& G C F=(2) \times(3)=6
\end{aligned}
$$

h) $260=(2) \times 2 \times(5) \times 13$

$$
\begin{aligned}
& 50=(2) \times 5 \times 5 \\
& \mathrm{GCF}=(2) \times 5=10
\end{aligned}
$$

$$
\text { i) } \begin{aligned}
304 & =(2) \times(2) \times(2) \times(2) \times 19 \\
112 & =(2) \times(2) \times(2) \times(2) \times 7 \\
\text { GCF } & =(2) \times(2) \times(2) \times(2)=16
\end{aligned}
$$

$$
\text { j) } \begin{aligned}
66 & =2 \times(3) \times 11 \\
231 & =(3) \times 7 \times 11 \\
\text { GCF } & =(3) \times 11=33
\end{aligned}
$$

## Greatest Common Factor (I)

Name:
Date: $\qquad$
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) 188
$364=(2) \times(2) \times 7 \times 13$
192

$$
\mathrm{GCF}=(2) \times(2)=4
$$

c) 68

124
d) 128
136
e) 135

387
f) 88

368
g) 60

376
h) 252

387
i) 290

160
j) 216

186

## Greatest Common Factor (I) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common
b) $188=$ (2) $\times$ (2) $\times 47$
factor.
a) $144=$ (2) $\times$ (2) $\times 2 \times 2 \times 3 \times 3$

$$
\begin{aligned}
& 364=(2) \times(2) \times 7 \times 13 \\
& G C F=(2) \times(2)=4
\end{aligned}
$$

c) $68=$ (2) $\times$ (2) $\times 17$
$124=$ (2) $\times$ (2) $\times 31$
GCF $=(2) \times(2)=4$

$$
\begin{aligned}
& 192=(2) \times(2) \times 2 \times 2 \times 2 \times 2 \times 3 \\
& G C F=(2) \times(2)=4
\end{aligned}
$$

d) $128=$ (2) $\times$ (2) $\times(2) \times 2 \times 2 \times 2 \times 2$
$136=(2) \times(2) \times(2) \times 17$ GCF $=(2) \times(2) \times(2)=8$
e) $135=(3) \times(3) \times 3 \times 5$
$387=(3) \times(3) \times 43$
GCF $=(3) \times(3)=9$
f) $88=$ (2) $\times$ (2) $\times(2) \times 11$
$368=(2) \times(2) \times(2) \times 2 \times 23$
GCF $=(2) \times(2) \times(2)=8$

$$
\begin{aligned}
\text { g) } 60 & =(2) \times(2) \times 3 \times 5 \\
376 & =(2) \times(2) \times 2 \times 47 \\
\text { GCF } & =(2) \times(2)=4
\end{aligned}
$$

h) $252=2 \times 2 \times(3) \times(3) \times 7$

$$
387=(3) \times(3) \times 43
$$

$$
\mathrm{GCF}=(3) \times(3)=9
$$

$$
\text { i) } \begin{aligned}
290 & =(2) \times(5) \times 29 \\
160 & =(2) \times 2 \times 2 \times 2 \times 2 \times(5) \\
\text { GCF } & =(2) \times(5)=10
\end{aligned}
$$

$$
\text { j) } \begin{aligned}
216 & =(2) \times 2 \times 2 \times(3) \times 3 \times 3 \\
186 & =(2) \times(3) \times 31 \\
\text { GCF } & =(2) \times(3)=6
\end{aligned}
$$

## Greatest Common Factor (J)

Name:
Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $172=$ (2) $2 \times 43$
b) 132
$164=(2) \times 2 \times 41$
114

$$
\mathrm{GCF}=(2) \times 2=4
$$

c) 116 316
e) 400

360
f) 318

234
g) 290
h) 320

50
368
i) 300

368
j) 130

190

## Greatest Common Factor (J) Answers

Name: $\qquad$ Date: $\qquad$
Use the prime factors of the numbers in each set to calculate the greatest common factor.
a) $172=$ (2) $\times(2) \times 43$
b) $132=(2) \times 2 \times(3) \times 11$
$164=(2) \times(2) \times 41$
GCF $=(2) \times(2)=4$

$$
\begin{aligned}
& 114=(2) \times(3) \times 19 \\
& \mathrm{GCF}=(2) \times(3)=6
\end{aligned}
$$

c) $116=$ (2) $\times$ (2) $\times 29$
$316=$ (2) $\times$ (2) $\times 79$
GCF $=(2) \times(2)=4$
d) $168=$ (2) $\times$ (2) $\times$ (2) $\times 3 \times 7$
$8=(2) \times(2) \times(2)$
GCF $=(2) \times(2) \times(2)=8$
e) $400=$ (2) $\times(2) \times(2) \times 2 \times(5) \times 5$
$360=(2) \times(2) \times(2) \times 3 \times 3 \times(5)$
GCF $=(2) \times(2) \times(2) \times(5)=40$

$$
\text { f) } \begin{aligned}
318 & =(2) \times(3) \times 53 \\
234 & =(2) \times(3) \times 3 \times 13 \\
\text { GCF } & =(2) \times(3)=6
\end{aligned}
$$

g) $290=(2) \times(5) \times 29$
h) $320=(2) \times(2) \times(2) \times(2) \times 2 \times 2 \times 5$
$50=(2) \times 5) \times 5$
GCF $=(2) \times(5)=10$

$$
\begin{aligned}
& 368=(2) \times(2) \times(2) \times(2) \times 23 \\
& G C F=(2) \times(2) \times(2) \times(2)=16
\end{aligned}
$$

i) $300=$ (2) $\times$ (2) $\times 3 \times 5 \times 5$
$368=$ (2) $\times$ (2) $\times 2 \times 2 \times 23$
GCF $=(2) \times(2)=4$

$$
\text { j) } \begin{aligned}
130 & =(2) \times(5) \times 13 \\
190 & =(2) \times(5) \times 19 \\
\text { GCF } & =(2) \times(5)=10
\end{aligned}
$$

