Product of Prime Factors

Red

a) 8
b) 15
c) 20
d) 63
e) 16
f) 81
g) 144
h) 196
i) 189
j) 500

Amber

a) 225
b) 324
c) 400
d) 1,225
e) 360
f) 315
g) LCM of 15 and 20
h) LCM of 12 and 20
i) HCF of 15 and 25
j) HCF of 16 and 20

Green

a) LCM of 18 and 30
b) LCM of 15 and 24
c) HCF of 18 and 42
d) HCF of 72 and 135
e) LCM of 21 and 45
f) LCM of 15 and 35
g) HCF of 63 and 280
h) HCF of 48 and 300
i) LCM of 16, 40 and 200
j) HCF of 180, 240 and 320

Purple

a) LCM of 27 and 42
b) LCM of 60 and 36
c) HCF of 32 and 240
d) HCF of 75 and 495
e) LCM of 16, 36 and 180
f) LCM of 24, 40 and 150
g) HCF of 125, 250 and 315
h) HCF of 420, 480 and 640
i) LCM of a^2bc, ab^2 and acd^2
j) HCF of xy^2z, x^2yz^2 and yz^2