

Mixed GCF & LCM problems

Grade 6 Factoring Worksheet

Find the greatest the common factor (GCF) and least common multiple (LCM) of each set of numbers.

Numbers	GCF	LCM
1) 36 and 60		
2) 45 and 120		
3) 84 and 140		
4) 96 and 144		
5) 105 and 175		
6) 150 and 225		
7) 180 and 240		
8) 210 and 294		
9) 256 and 320		
10) 360 and 480		
11) 72, 108 and 144		
12) 90, 150 and 210		

Answers

Numbers	GCF	LCM
1) 36 and 60	12	180
2) 45 and 120	15	360
3) 84 and 140	28	420
4) 96 and 144	48	288
5) 105 and 175	35	525
6) 150 and 225	75	450
7) 180 and 240	60	720
8) 210 and 294	42	1,470
9) 256 and 320	32	2,560
10) 360 and 480	120	1,440
11) 72, 108 and 144	36	432
12) 90, 150 and 210	30	630