

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) 54 and 162		
2) 66 and 198		
3) 90 and 225		
4) 112 and 280		
5) 126 and 315		
6) 132 and 352		
7) 156 and 364		
8) 175 and 450		
9) 216 and 540		
10) 224 and 336		
11) 72, 108 and 180		
12) 96, 144 and 240		

Answers

Numbers	GCF	LCM
1) 54 and 162	54	162
2) 66 and 198	66	198
3) 90 and 225	45	450
4) 112 and 280	56	560
5) 126 and 315	63	630
6) 132 and 352	44	1,056
7) 156 and 364	52	1,092
8) 175 and 450	25	3,150
9) 216 and 540	108	1,080
10) 224 and 336	112	672
11) 72, 108 and 180	36	1,080
12) 96, 144 and 240	48	1,440