

Fill in the Blanks

Finding HCF and LCM Using Venns

Numbers	Prime Factors	Venn Diagram	HCF	LCM
45	$3 \times 3 \times 5$		3×5 $= 15$	$3 \times 3 \times 5$ $\times 2 \times 2$ $= 180$
60	$2 \times 2 \times 3 \times 5$			
24	$2 \times 2 \times 2 \times 3$		6	120
30	$2 \times 3 \times 5$			
35	5×7		5	350
50	$2 \times 5 \times 5$			
36	$2 \times 2 \times 3 \times 3$		6	252
42	$2 \times 3 \times 7$			
60	$2 \times 2 \times 3 \times 5$		12	360
72	$2 \times 2 \times 2 \times 3 \times 3$			
80	$2 \times 2 \times 2 \times 2 \times 5$		16	560
112	$2 \times 2 \times 2 \times 2 \times 7$			
72	$2 \times 2 \times 2 \times 3 \times 3$		18	216
54	$2 \times 3 \times 3 \times 3$			