



Prime Numbers

Worksheet 4

Express each number as a product of its prime factors.

	55

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

	105

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

	260

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

	390

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

	552

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

	396

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

	1250

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

	686

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

	3430

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

Answer Sheet

5	55
11	11
	1

$$\frac{5}{11} \times \frac{11}{1} = \underline{55}$$

3	105
5	35
7	7
	1

$$\frac{3}{5} \times \frac{5}{7} \times \frac{7}{1} = \underline{105}$$

2	260
2	130
5	65
13	13
	1

$$\frac{2}{2} \times \frac{2}{5} \times \frac{5}{13} \times \frac{13}{1} = \underline{260}$$

2	390
3	195
5	65
13	13
	1

$$\frac{2}{3} \times \frac{3}{5} \times \frac{5}{13} \times \frac{13}{1} = \underline{390}$$

2	552
2	276
2	138
3	69
23	23
	1

$$\frac{2}{2} \times \frac{2}{2} \times \frac{2}{3} \times \frac{3}{23} \times \frac{23}{1} = \underline{552}$$

2	396
2	198
3	99
3	33
11	11
	1

$$\frac{2}{2} \times \frac{2}{3} \times \frac{3}{3} \times \frac{3}{11} \times \frac{11}{1} = \underline{396}$$

2	1250
5	625
5	125
5	25
5	5
	1

$$\frac{2}{5} \times \frac{5}{5} \times \frac{5}{5} \times \frac{5}{5} = \underline{1250}$$

2	686
7	343
7	49
7	7
	1

$$\frac{2}{7} \times \frac{7}{7} \times \frac{7}{7} \times \frac{7}{1} = \underline{686}$$

2	3430
5	1715
7	343
7	49
7	7
	1

$$\frac{2}{5} \times \frac{5}{7} \times \frac{7}{7} \times \frac{7}{7} = \underline{3430}$$