

Name _____

Prime Factors

Find the prime factors for each of the following numbers.

$$\begin{aligned} 1. \quad 36 &= 2 \times 18 \\ &= 2 \times 2 \times 9 \\ &= 2 \times 2 \times 3 \times 3 \end{aligned}$$

2. $60 =$

60			
/ \			
2	30		
	/ \		
	2	15	
		/ \	
		3	5

3. $90 =$

90			
/ \			
2	45		
	/ \		
	3	15	
		/ \	
		3	5

4. $120 =$

120				
/ \				
2	60			
	/ \			
	2	30		
		/ \		
		2	15	
			/ \	
			3	5

5. $180 =$

180				
/ \				
2	90			
	/ \			
	2	45		
		/ \		
		3	15	
			/ \	
			3	5