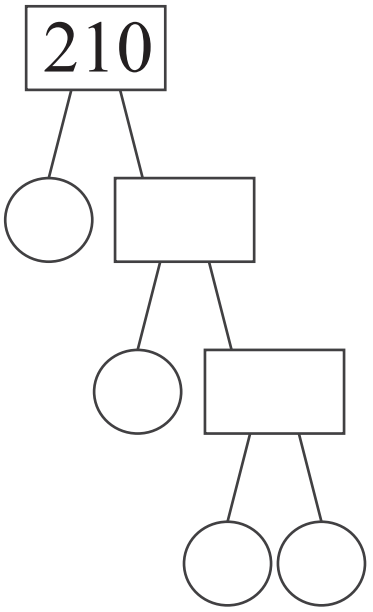
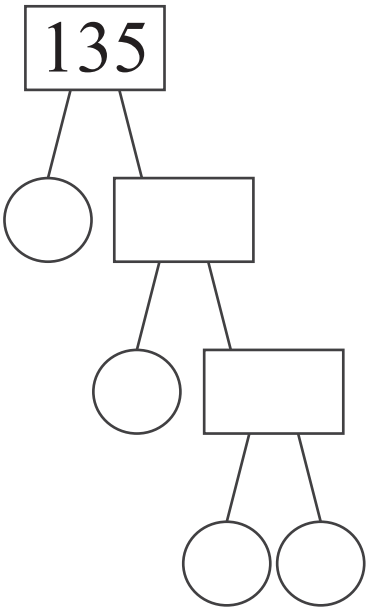
Prime Factorization Trees

Name: _____ Score: _____

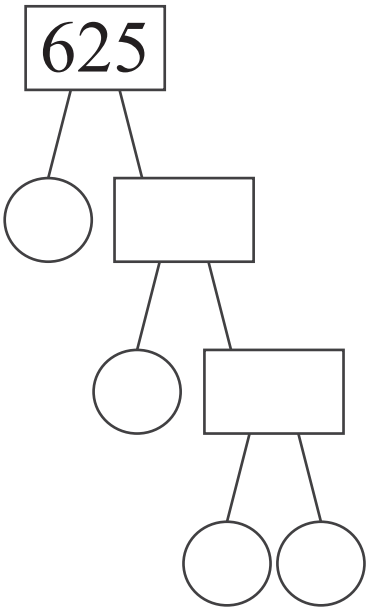
Use the number trees to find the prime factors of each number.



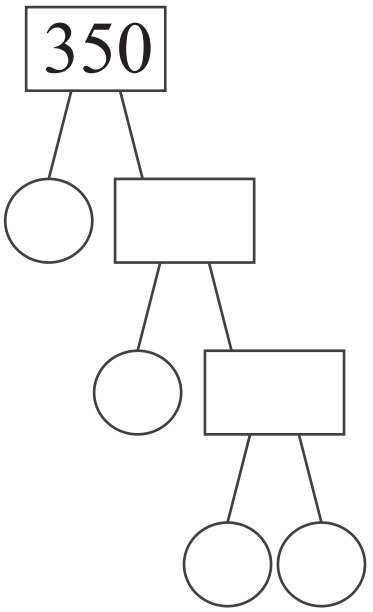
210 = x x x



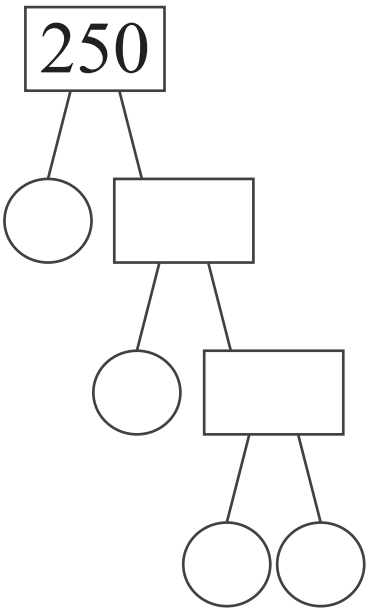
135 = x x x



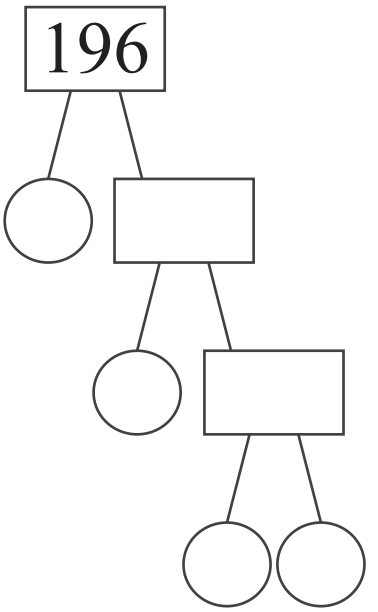
625 = x x x



350 = x x x



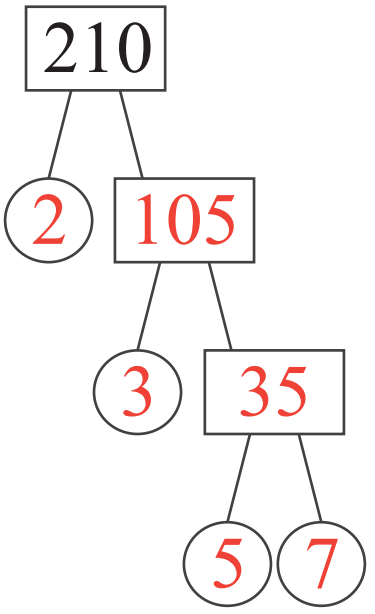
250 = x x x



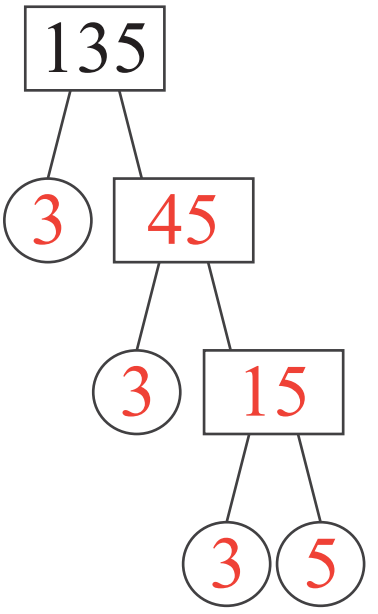
196 = x x x

Answers

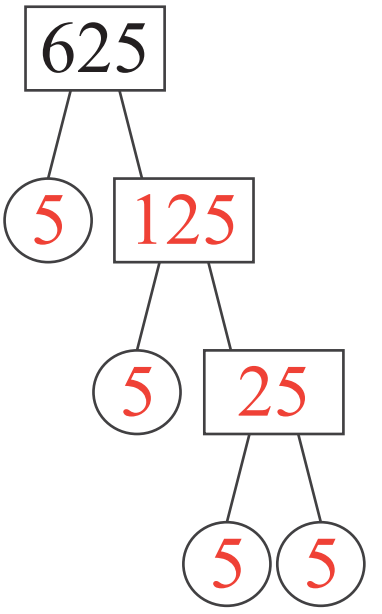
Use the number trees to find the prime factors of each number.



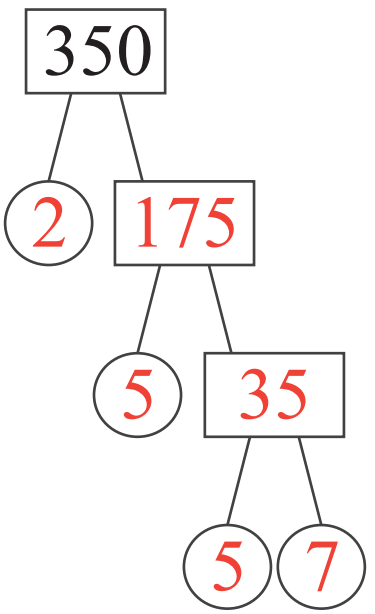
$210 = 2 \times 3 \times 5 \times 7$



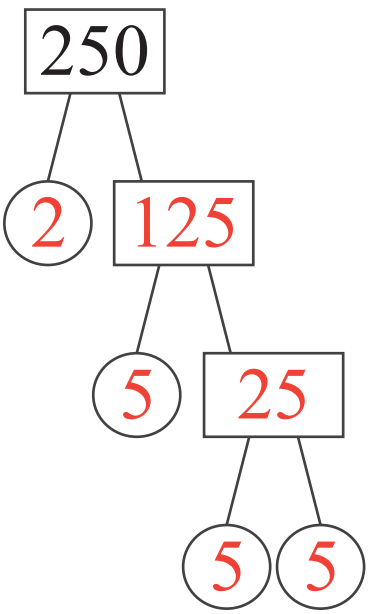
$135 = 3 \times 3 \times 3 \times 5$



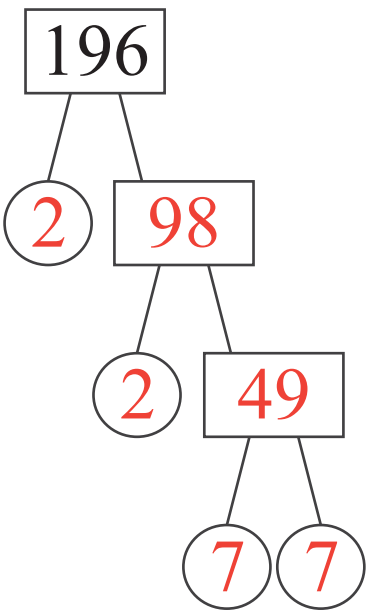
$625 = 5 \times 5 \times 5 \times 5$



$350 = 2 \times 5 \times 5 \times 7$



$250 = 2 \times 5 \times 5 \times 5$



$196 = 2 \times 2 \times 7 \times 7$