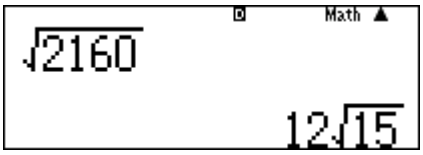
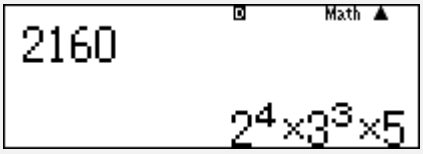
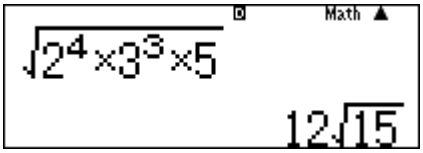
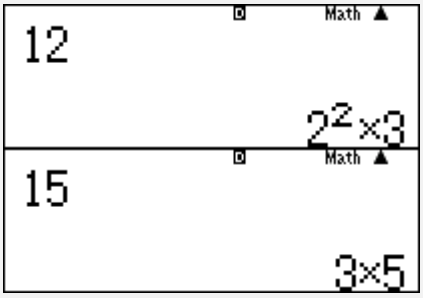
Module 7: Examples of functions from geometry

Part A – Square roots

Simplifying square roots is a built-in feature, but it helps to understand how the calculator achieves this. √■ 2 1 6 0 =	
First factor the number we would like to simplify. 2 1 6 0 = ALPHA °‴ (FACT)	
Enter the factored form into the calculator under the radical (square root symbol).	
Factor the numbers that are outside the square root and then the ones inside the square root. 1 2 = SHIFT °‴ (FACT) 1 5 = SHIFT °‴ (FACT)	

How does the answer relate to the original factored form of 2160?