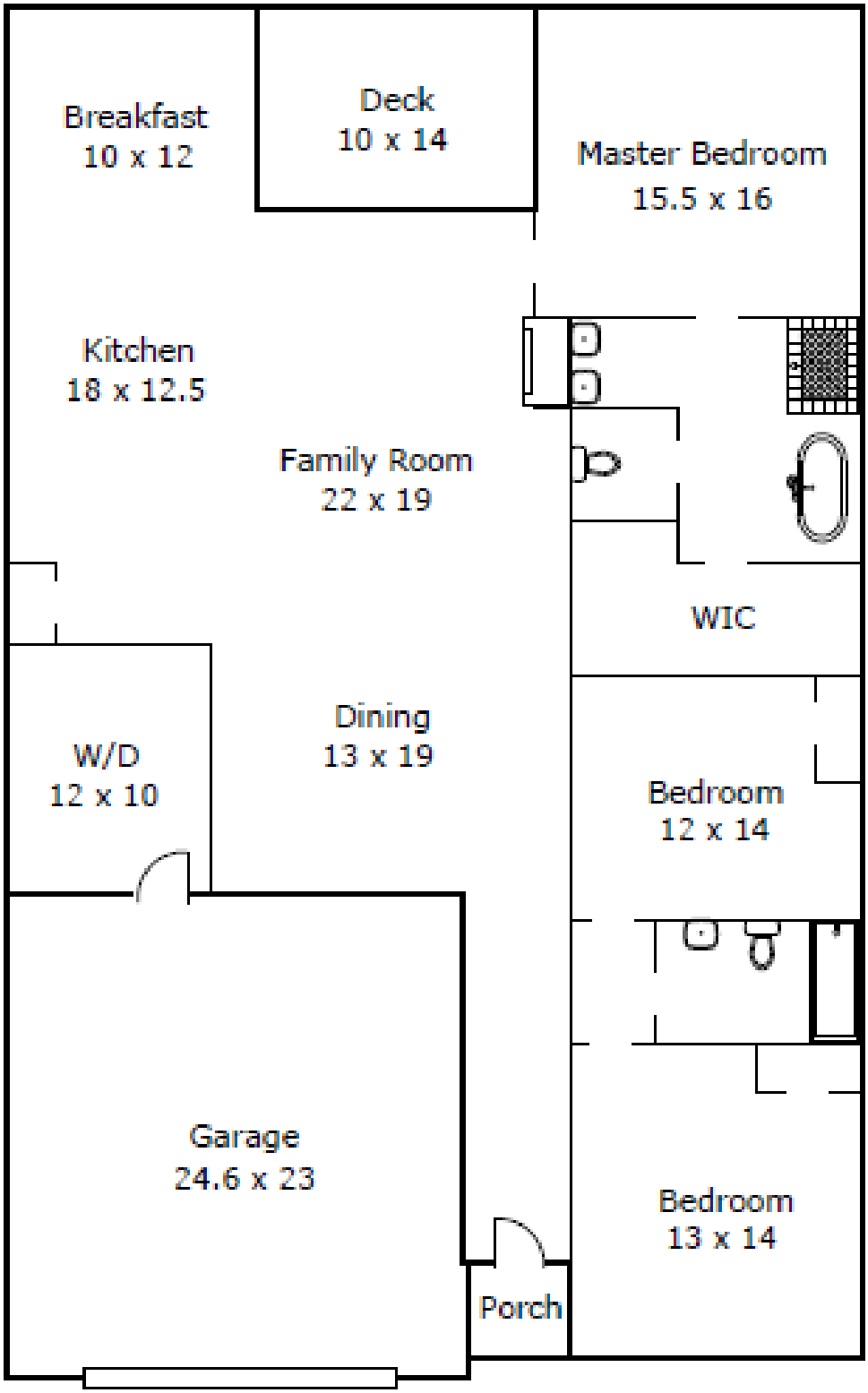Approximate Dimensions