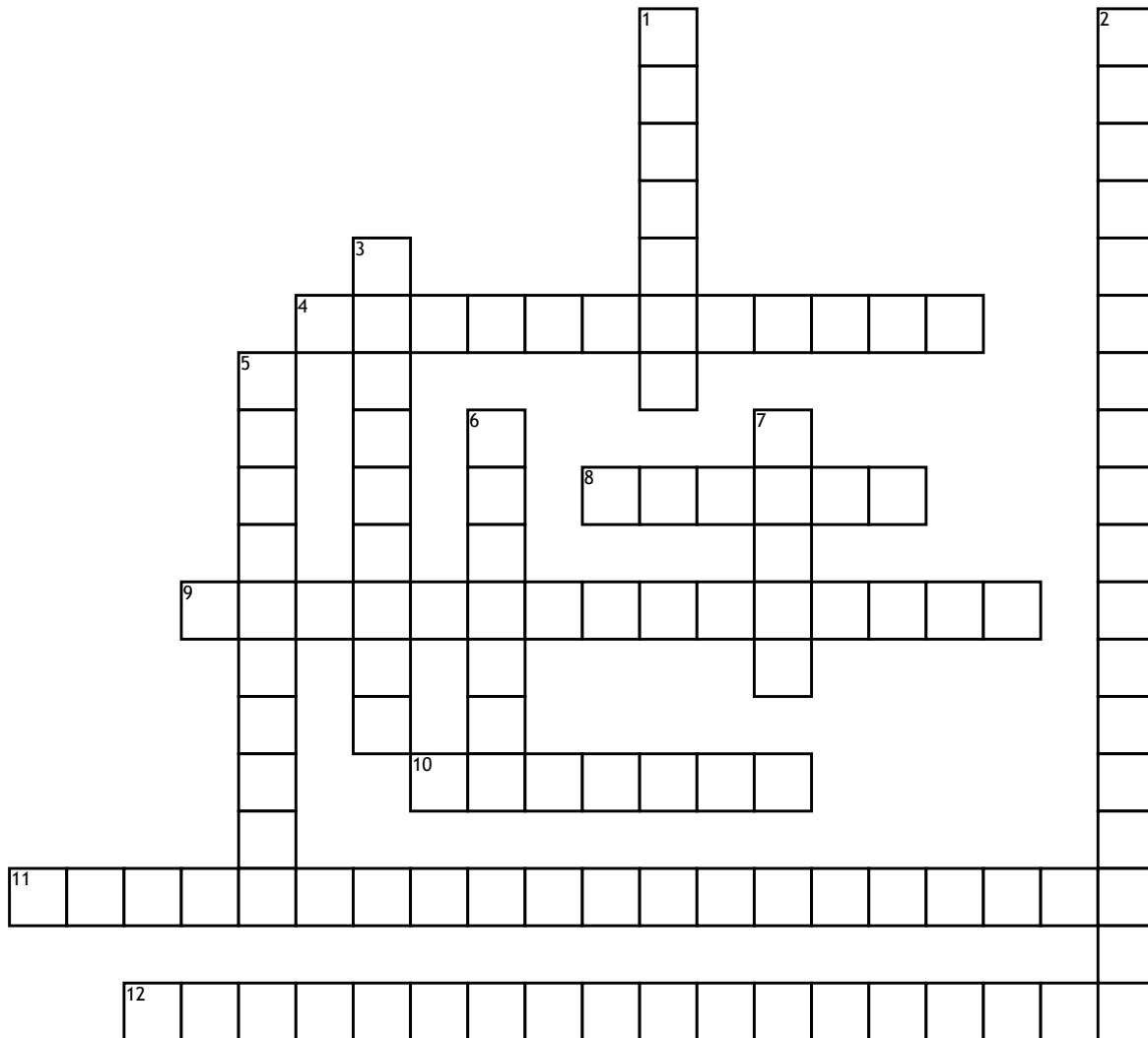


Chapter 3 Hair Analysis



Across

4. the actively growing base of a hair; contains DNA and living cells
8. located outside the medulla; contains granules of pigment
9. bits of pigment in the cortex of a hair
10. a fibrous protein that makes up the majority of the cortex of a hair

11. a tool that allows the side-by-side comparison of hair samples

12. a chemical test performed on hair; can identify and quantify drugs and toxins,

Down

1. the central core of a hair
2. occurs when hair from crime scenes is transferred to other locations

3. part of the hair above the follicle; contains mitochondrial DNA

5. genetic material in the nucleus of a cell

6. the tough outer covering of a hair; composed of overlapping scales

7. genetic material that can only be inherited from the mother