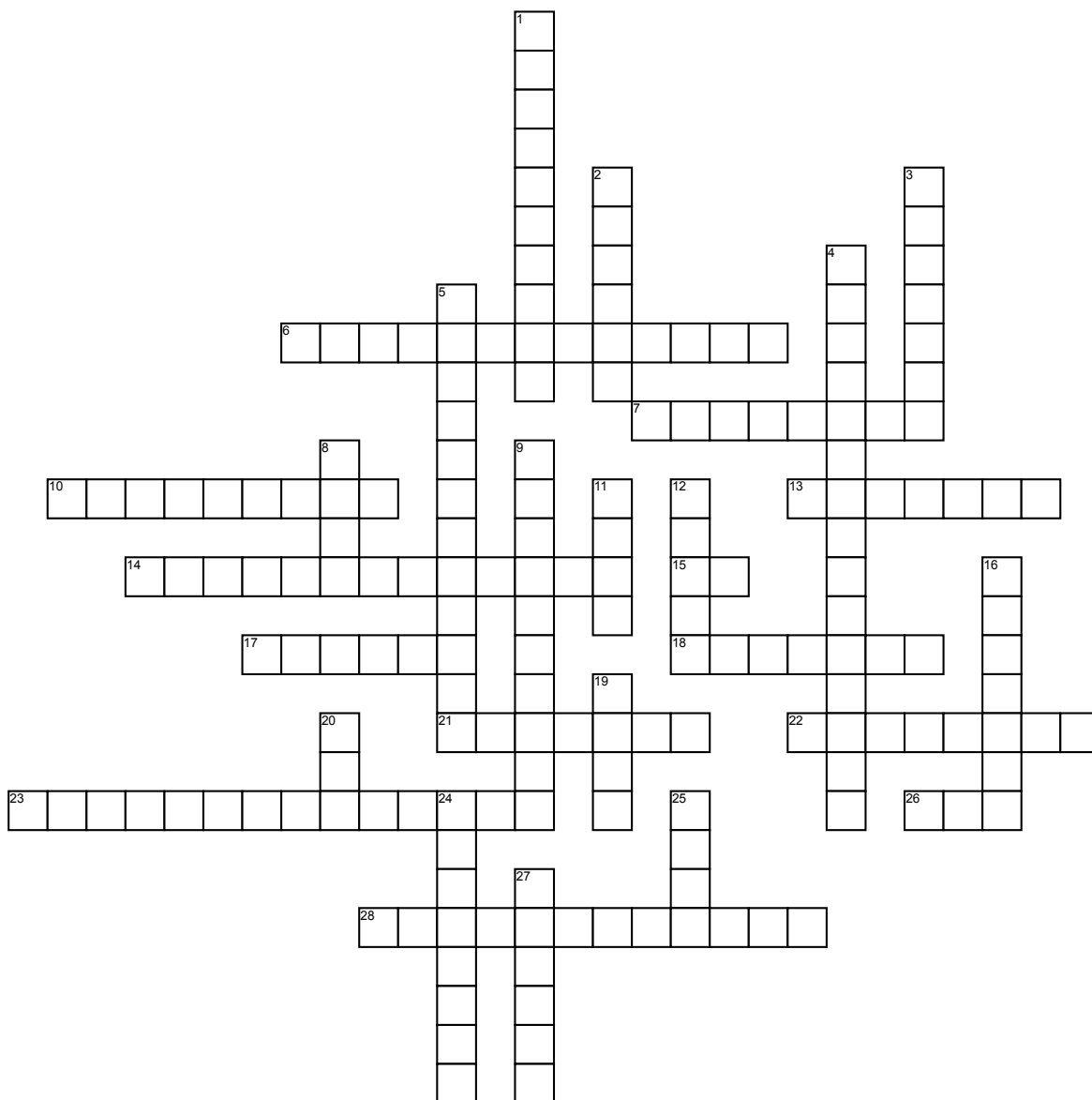


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Biochemistry Extra Credit Fun!



## Across

- 6.** DNA binding motif  
**7.** Causes AMP accumulation  
**10.** A trans-membrane protein  
**13.** Protein found in hair  
**14.** An individual triple helix  
**15.** Folded and unfolded states are in equal amounts at equilibrium  
**17.** Where Sarah would like to (potentially) move  
**18.** Example of a sheet protein  
**21.** This increases when an enzyme binds to a substrate

**22.** This point on the graph is the pKa of a weak acid

**23.** What gives you a headache so you take Advil

**26.** Sarah's favorite domestic animal

**28.** Abnormal bone formation

## Down

**1.** Domain where zinc has structural role in stability

**2.** Ajla's favorite sport

**3.** Breaks corn starch into glucose monomer

**4.** This cleaves after methionine

**5.** Contains 8 cysteine linked by four disulfide bonds

**8.** RNA induced silencing complex

**9.** Engulf invaders

**11.** Molecule that carries a specific amino acid

**12.** Different kinds of folding patterns

**16.** Binds and mimics natural ligand

**19.** Number of amino acids needed for a beta turn

**20.** Tendency of a group to give up a proton

**24.** No net water movement

**25.** Binds myoglobin

**27.** Three nucleotide residues