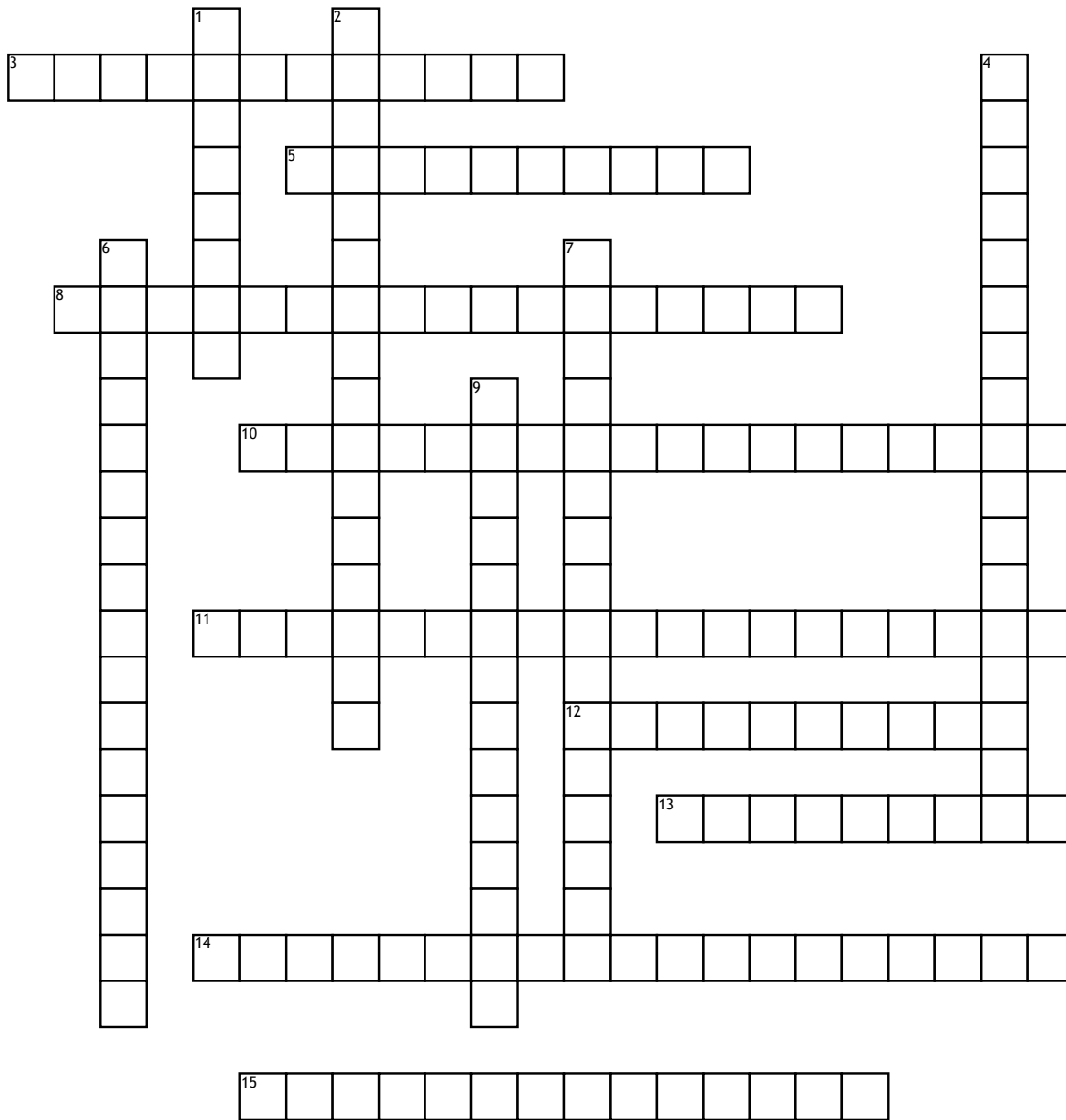


Gram Positive and Gram Negative Bacteria



Across

3. Difficult to grow in culture, need a dark field microscopy
 5. Common intravascular microflora in cats
 8. Results in decreased fertility, reduced milk production, abortion in cows, and infertility in bulls
 10. Chronic progressive disease

11. Signs include lameness, muscle swelling, and crepitation due to gas production
 12. Smallest free living prokaryotic microorganisms
 13. When not present the female heartworm cannot reproduce
 14. Causes necrotizing, soft tissue infections
 15. Intestinal disease in pigs

Down

1. Transmitted by arthropod vectors

2. Rarely see signs in cattle under the age of two years
 4. Signs include stiffness, spasms, difficult swallowing and lockjaw
 6. Disease of equines on east coast
 7. Associated with liver fluke migration
 9. Causes Laryngitis and Pharyngitis in calves under 3 months