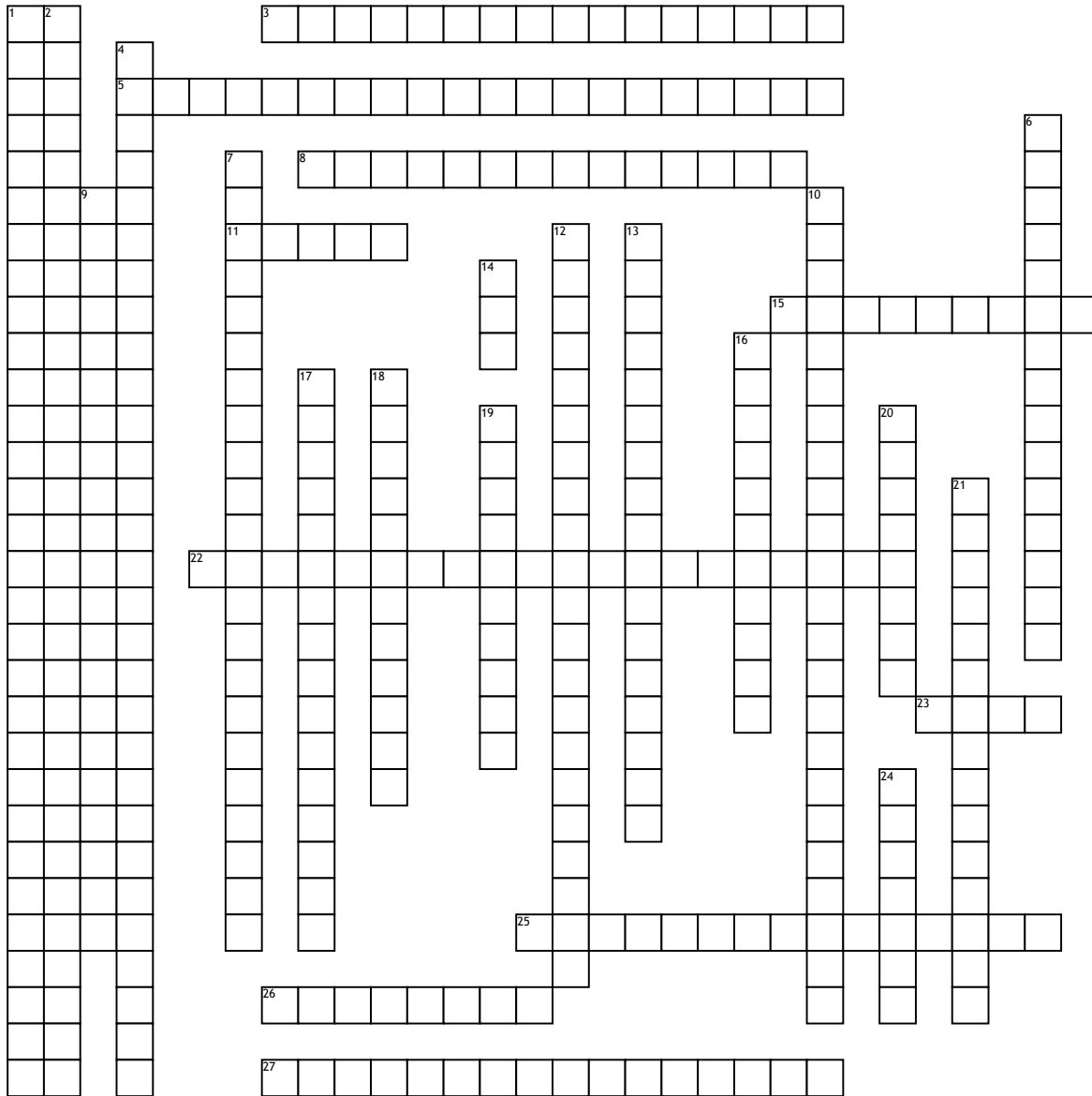


Name: _____

Date: _____

Transistor & OPAMP



Across

3. The major difference between ground and virtual ground is that virtual ground is only a
 5. Negative feedback
 8. Current cannot flow to ground through
 11. Open loop gain of an amplifier can be represented by
 15. A common-mode signal is applied to
 22. The ratio between differential gain and common-mode gain is called
 23. If V_{in} is 0, V_o is
 25. emitter-follower has

26. The differential gain is

27. A differential amplifier

Down

1. Ideal OPAMP is an
 2. In the common mode
 4. The input offset current equals
 6. If ground is applied to the (+) terminal of an inverting op-amp, the (-) terminal will:
 7. two i/p terminals of OPAMP is labelled as
 9. The input stage of an Op-amp is usually a
 10. The tail current in a differential amplifier equals

12. The use of negative feedback

13. A voltage follower

14. In op-amp signal applied at inverting terminal appears at output terminal with a phase
 16. Op-amp can amplify

17. In a nonlinear op-amp circuit

18. A digital-to-analog converter is an application of

19. An ideal amplifier should have

20. An ideal OPAMP has B.W
 21. Another name for a unity gain amplifier is:

24. The common-mode gain is