

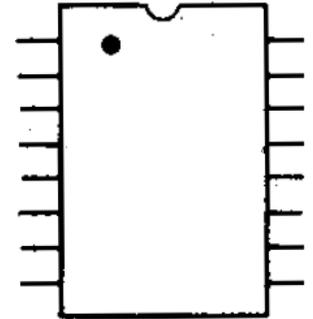
Level 3 Assessment

Answer Key

WHEN LOOKING AT AN INTEGRATED CHIP (IC):

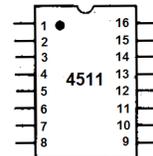
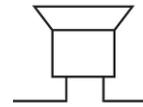
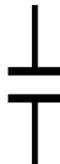
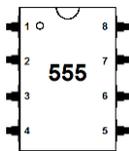
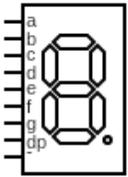
HOW DO YOU KNOW WHERE THE TOP OF THE CHIP IS?

HOW DO YOU FIND ANY PIN NUMBER ON THE CHIP?



HOW CAN YOU TELL THE DIFFERENCE BETWEEN 2 IDENTICAL LOOKING CAPACITORS ?

LABEL THE FOLLOWING SYMBOLS WITH THE NAME OF THE COMPONENT THEY REPRESENT



COMPARE AND CONTRAST A BUZZER AND A SPEAKER

DESCRIBE THE BASIC FUNCTION OF THE FOLLOWING INTEGRATED CHIP (IC):

555 TIMER

4017 DECADE COUNTER

4511 BCD-TO-7 SEGMENT DISPLAY

TRUE OR FALSE : SOMETIMES COMPONENT SYMBOLS ARE SIMPLIFIED IN THE SCHEMATIC DIAGRAMS TO MAKE IT EASIER TO SHOW CONNECTIONS.

