PFBC biologists use many different methods to investigate the waterways and make an estimate of fish populations. Solve the "word equations" below to reveal some of the tools they use. The first one is done for you.

1. BROAD - RD + TRAVEL - RAVEL + ELECTION - ION + GROW - GW + CATFISH - CAT + SING - S = **BOAT ELECTROFISHING**

2. HOOT - T + PEN - E + LETS - L = ________________

3. BENCH - CH + THIS - S + CAT - A + CRAWL - C = ________________

4. GRILL - R + NEST - S = ________________

5. CREEPY - PY + LOGS - OG + LURE - LE + VERY - R = ________________

6. PAENTRY - ENY + APRON - RO + WEST - WS = ________________

7. BLACK - L + PACKAGE - AGE + SELECTION - STION + TROUT - UT + FIST - T + THING - T = ________________

Match each answer above to the Fish Scene Investigation below.

**Fish Scene Investigation:** Which survey tool is used for each investigation?

a. Brook trout in a small creek = ________________

b. Channel catfish in a large river = ________________

c. Yellow perch in Lake Erie = ________________

d. Bottom-dwelling darters in a large river = ________________

e. Bluegills in a lake = ________________

f. Largemouth bass in a lake = **BOAT ELECTROFISHING**

g. Number of anglers targeting walleye at a lake = ________________