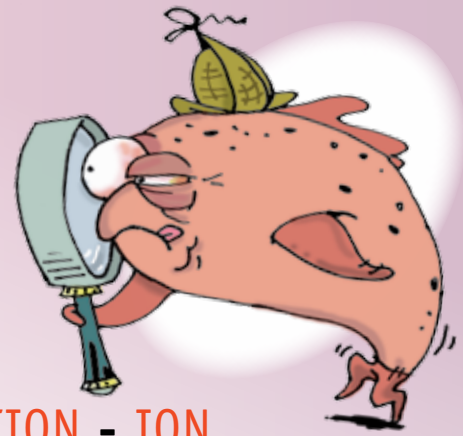


# FSI: Your Turn

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 = \_\_\_\_\_



*Benthic Trawl*

ANSWERS: a. Backpack Electrofishing; b. Hoop Nets; c. Gill Net; d. Benthic Trawl; e. PA Trap Net; f. Boat Electrofishing; g. Creel Survey

# PLAY

Editor: Spring Gearhart

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ANSWERS TO TOP OF PAGE:  
1. Boat Electrofishing; 2. Hoop Nets; 3. Benthic Trawl;  
4. Gill Net; 5. Creel Survey; 6. PA Trap Net;  
7. Backpack Electrofishing.