



Balance in the Bay

Fishing Fleet Computation Worksheet

Student Fishing Fleet Member Names:

FISHING SEASON (circle one) 1 2 3 4 5

1. Number of paperclips collected from all boats in your fleet: = A
2. The pounds of squid caught (A) from all boats in your fleet: $A \times 1,000 = B$
3. Reduce total catch (B) by 2% for bycatch: $B \times 0.98 = C$
4. Subtract 50,000 lbs squid per active boat in your fleet for operating costs: $C - (50,000 \times \text{Number of Boats Fishing in your fleet}) = D$
5. For this simulation, the dockside sale price for squid is estimated to be \$0.25/lb. To calculate seasonal earnings, multiply remaining pounds (D) by \$0.25: $D \times \$0.25 = E$
6. Did you make a profit this season or did you lose money? _____
7. Extra boats (F) cost \$10,000 each. Would you like to purchase additional boats? _____
How many boats will you be purchasing? _____ Cost for additional boats (F): $F \times \$10,000 = G$
8. Final season net profit/losses: $E - G =$ **Season Net Profit/Losses**



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