

Name _____ Period _____ Date _____

Directions: Using the *Dichotomous Key of Soviet Attack Submarines* identify each of the following Cold War era Soviet submarines. Write the class of the sub in the space provided.

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|---------------|---|--|--|
| Submarine #1 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes Diesel 3,900 MT 1973 |
| Submarine #2 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes, SS-N-9 antiship cruise missile Nuclear 5,400 MT 1974 |
| Submarine #3 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes, ASW missile Nuclear 6,300 MT 1979 |
| Submarine #4 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes, SS-N-15 ASW missile Nuclear 3,700 MT 1978 |
| Submarine #5 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes, SS-N-19 antiship cruise missile Nuclear 16,000 MT 1981 |
| Submarine #6 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes Diesel 3,000 MT 1980 |
| Submarine #7 |  SANK 7 APRIL 1989 | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes, ASW missile Nuclear 6,400 MT 1986 |
| Submarine #8 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes, ASW missile Nuclear 7,600 MT 1984 |
| Submarine #9 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes Nuclear 10,000 MT 1988 |
| Submarine #10 |  | Armament: Propulsion: Submerged Displacement: Initial Operational Capability: | Torpedoes, ASW missile, SS-N-21 Nuclear 10,000 MT 1988 |

Submarine #1 _____

Submarine #6 _____

Submarine #2 _____

Submarine #7 _____

Submarine #3 _____

Submarine #8 _____

Submarine #4 _____

Submarine #9 _____

Submarine #5 _____

Submarine #10 _____

Reflection Short Answer/Essay: Answer the following questions about the process of using a dichotomous key. Answer in complete sentences.

- 1) What was the most challenging part of using a dichotomous key?
- 2) The prefix (di-) means two. Why do you think the term dichotomous is used to describe the key used in this activity?
- 3) How would a biologist use a dichotomous key in classifying various forms of life? Give some examples of plants and animals that could be classified this way.
- 4) Other than a biologist or the military, who else may benefit from using a dichotomous key? What kind of key would you be interested in making or using?