

Name _____

Introduction to Technology - 7

Sail Boat Unit Review Sheet

1. Label the parts of the sailboat.

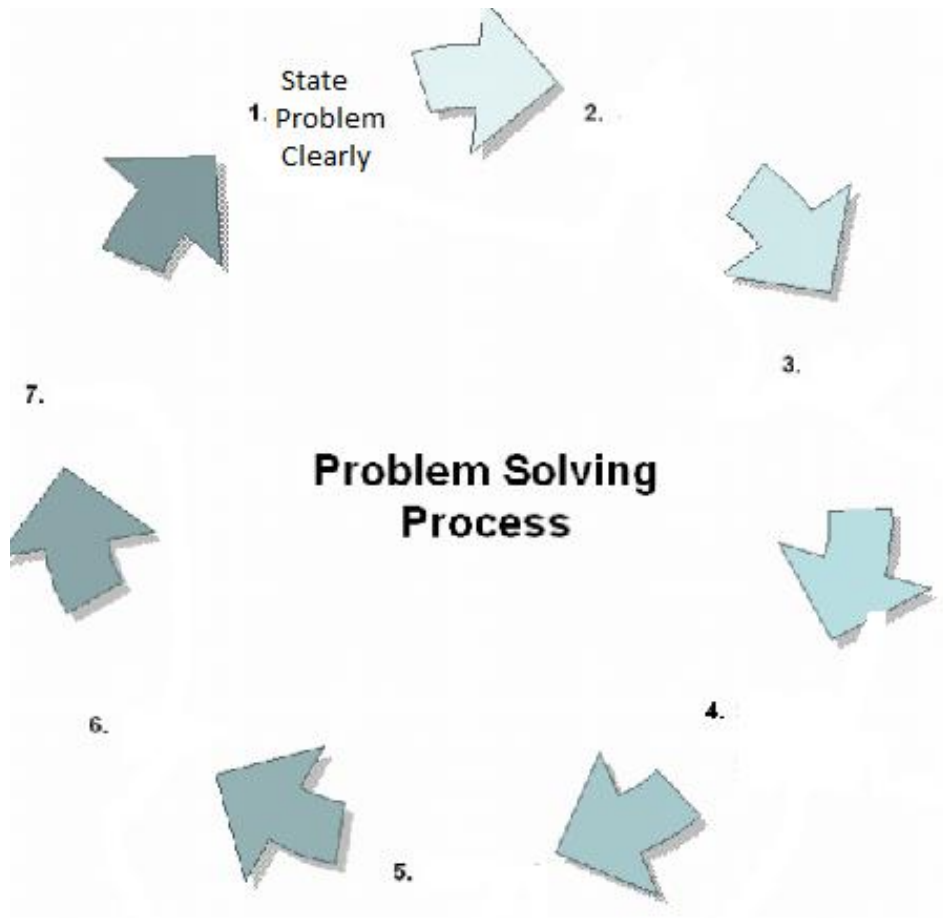


2. Who is Bernouli and how did his principle apply to sailboats?
3. What types of drill bits have we used in class?
4. Compare and contrast Bernouli's Principle and Newton's Third Law as it applies to sailing.

Directions: Match the answer on the left with the definition on the right.

- | | |
|---------------------|------------------------------------|
| 5. Bow _____ | A. Left side of boat |
| 6. Mast _____ | B. Friction |
| 7. Beam _____ | C. Vertical spar that holds sail |
| 8. Sail _____ | D. Prevents skidding |
| 9. Port _____ | E. The "body" of the boat |
| 10. Starboard _____ | F. Right side of boat |
| 11. Keel _____ | G. The front of the boat |
| 12. Drag _____ | H. The rear of the boat |
| 13. Hull _____ | I. A device used to catch the wind |
| 14. Stern _____ | J. The width of the boat |
15. Explain how a boat floats.
16. Sketch a top and side view of a sail boat

17. Label all the steps in the Problem Solving Process



18. Why isn't the miter saw used to cut inside angles?

19. How are sailboats able to sail into the wind?

20. Why do you not shake the can of clear coating before applying?

21. Explain in detail all the steps taken and tools used to make the sailboat.