





















HOUR BONI: WHO WANTS TO BE A BOY SCOUT?

Part 1 (10 pts): Correctly identify the names of the following merit badges. Below is a list of all possible merit badges for reference.




1. Weather 	2. Nuclear Science 
3. Family Life (required) 	4. Geocaching 
5. Chemistry 	6. Archaeology 
7. Bugling 	8. Sports 
9. Pets 	10. Plumbing 


American Business, American Cultures, American Heritage, American Labor, Animal Science, Animation, Archaeology, Archery, Architecture, Art Astronomy, Athletics, Automotive Maintenance, Aviation, Backpacking, Basketry, Bird Study, Bugling, Camping, Canoeing, Chemistry, Chess, Citizenship in Society, Citizenship in the Community, Citizenship in the Nation, Citizenship in the World, Climbing, Coin Collecting, Collections, Communication, Composite Materials, Cooking, Crime Prevention, Cycling, Dentistry, Digital Technology, Disabilities Awareness, Dog Care, Drafting, Electricity, Electronics, Emergency Preparedness, Energy Engineering, Entrepreneurship, Environmental Science, Exploration, Family Life, Farm Mechanics, Fingerprinting, Fire Safety, First Aid, Fish and Wildlife Management, Fishing, Fly Fishing, Forestry, Game Design, Gardening, Genealogy, Geocaching, Geology, Golf, Graphic Arts, Health Care Professions, Hiking, Home Repairs, Horsemanship, Indian Lore, Insect Study Inventing, Journalism, Kayaking, Landscape Architecture, Law, Leatherwork, Lifesaving, Mammal Study, Metalwork, Mining in Society, Model Design and Building, Motorboating, Moviemaking, Music, Nature, Nuclear Science, Oceanography, Orienteering, Painting, Personal Fitness, Personal Management, Pets, Photography, Pioneering, Plant Science, Plumbing, Pottery, Programming, Public Health, Public Speaking, Pulp and Paper, Radio, Railroading, Reading, Reptile and Amphibian Study, Rifle Shooting, Robotics, Rowing Safety, Salesmanship, Scholarship, Scouting Heritage, Scuba Diving, Sculpture, Search and Rescue, Shotgun Shooting; Signs, Signals, and Codes; Skating, Small-Boat Sailing, Snow Sports, Soil and Water Conservation, Space Exploration, Sports, Stamp Collecting, Surveying, Sustainability, Swimming, Textile, Theater, Traffic Safety, Truck Transportation, Veterinary Medicine, Water Sports, Weather, Welding, Whitewater, Wilderness, Survival, Wood Carving.

Part 2 (10 pt): Knot so fast! Identify the knot.

11. Bowline 	12. Alpine Butterfly 
13. Water Knot 	14. Slipknot 
15. Distel Hitch 	16. Handcuff Knot 
17. Girth Hitch 	18. Davy Knot 
19. Trucker's Hitch 	20. Ashley Stopper/Oysterman's Stopper 

Part 3: Botany and Land Management. Name the following plants of New England, arranged into groups of three, and for every fourth box, indicate whether each group comprises native or non-native species.

21.  Japanese Barberry
22.  Kudzu
23.  Multiflora Rose
24. Non-native

25.  Red Trillium
26. Common Milkweed 
27. Lady Fern 
28. Native

29. Norway Maple 
30. Tree-of-Heaven 
31. Sycamore Maple 
32. Non-native

Part 4: Camping. Answer the following questions.

33. (2 points) Name the seven principles of LNT. Four principles is good for partial credit. **Something along the lines of: Plan Ahead and Prepare, Travel and Camp on Durable Surfaces. Dispose of Waste Properly. Leave What You Find. Minimize Campfire Impacts. Respect Wildlife. Be Considerate of Other Visitors.**

34. (2 points) What is the point of “bear bagging,” and, roughly, how do you do it? **Ensure that black bears don’t get into your smelly food/stuff, and ensure that if they try to, they won’t be close to where you’re sleeping. Hang your stuff in a bag from a tree limb far enough above the ground and away from the tree trunk that bears can’t get at it.**

35. When packing one’s backpack for a backpacking trip, where should one put their sleeping bag? **In the bottom of their bag.**

36. (2 points) Identify a safe strategy for washing dishes in the backcountry, including what one should do with food particles that come off in the washing process and with the resulting water. Either use two buckets, one for washing and one for rinsing and have the rinsing bucket contain boiling water, or use a third bucket instead of having boiling water. The third bucket should contain bleach or some sort of sanitizing agent. Dry dishes, strain out food scraps by pouring the buckets into each other and then pour the remaining water into a sump-hole or a disposal area marked at the campground.

37. Identify the solution to the following classic camping riddle.

https://drive.google.com/file/d/1iQ7lxHK_5P6HaSYrHFLX7ILVw7HFI0hJ/view?usp=sharing

The penguin is asking "Wears your paddle?" not "Where's your paddle?" Of course, the coarse desert sand "Sure does!" wear a paddle. Anything getting at "wear" or "homophones" should count as a correct answer.