

Forests in Canada

(Perspectives pg60-61)

1. Describe the distribution of forests in Canada. Why do the tree types vary across Canada?
- tundra (no vegetation in the north); boreal forest across central Canada, deciduous forest in Southern Ontario
- Climate causes the variation in vegetation
2. How do forest companies get access to forest lands?
- lease the cutting rights from the government
3. List 3 reasons why forests are important to the environment.
- wildlife habitat, hold soil in place, produce oxygen, filters air, prevents soil erosion
4. What is the tree line? What factors create this line?
- marks an area where climate factors restrict the growth of trees
5. What are 2 causes of forest fires?
- lightning and careless use of fire by humans
6. Why does the Jack Pine need fire?
- heat is needed to open the seed cones (germination)

Forest Industry

(Perspectives pg62-63)

1. List five products that forests supply.
- answers will vary (desks, baseball bats, canoes...)
2. Write definitions for renewable and sustainable.
Renewable: a resource that can be replaced
Sustainable: something that can be renewed if it is not overused
3. Make a list of 5 jobs directly involved in the forest industry.
- tree planters, truck drivers, forest rangers, loggers, surveyors

Value of Wilderness

(Perspectives pg144-147)

1. Write a definition for clear cutting.
- all trees are cut down in an area
2. Draw diagrams to show the 4 ways of harvesting trees.
See figure 4.3a

3.
 - a. List 5 reasons why logging companies prefer to clear-cut.
- harvest is greater, faster, cheaper, waste is left to rot, choose which species to replant
 - b. List 5 reasons why conservationists oppose clear-cutting.
- forests are destroyed, animal habitats are lost, replacing forests with a single species, dry brush is a fire hazard, rain causes soil erosion

4. Write a statement to describe how each in the case study (on page 145) are connected to the forest business.
- Answers will vary:
Forester- needs the forests to provide employment...