

Name \_\_\_\_\_

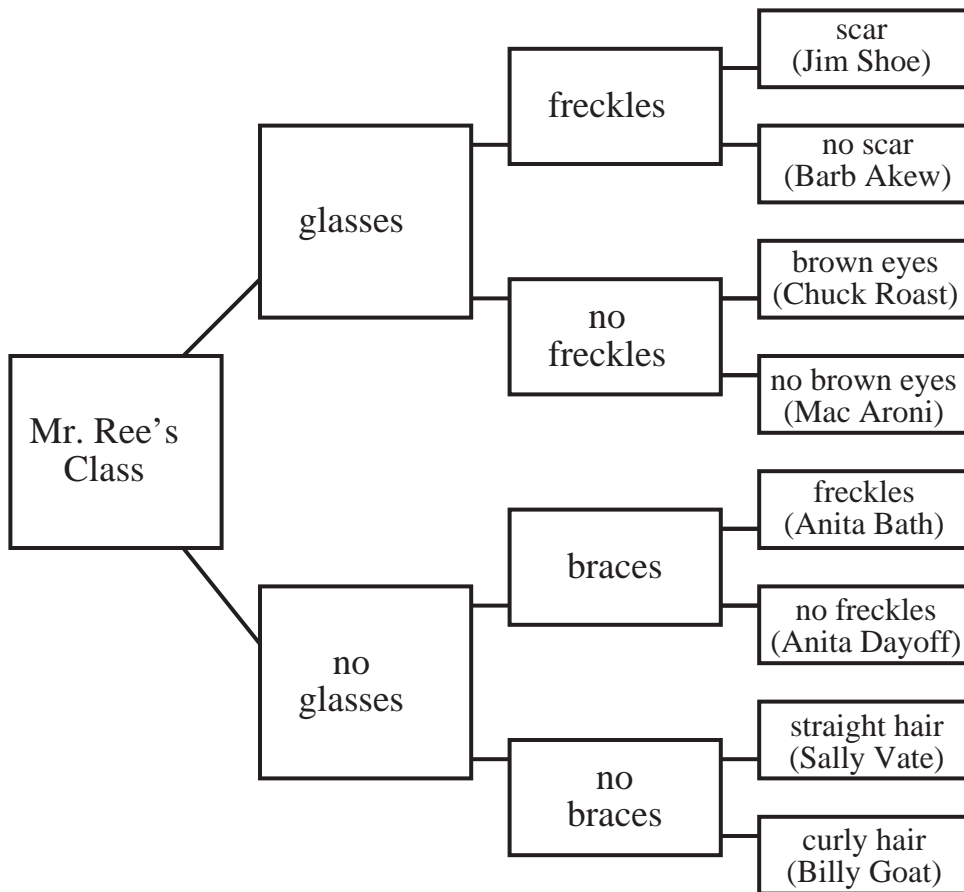
Date \_\_\_\_\_



## Seeds in Fall...Collect Them All! Proficiency Assessment



**Directions:** Study the dichotomous key below, then answer questions 1-5.



- 1) Which are the four attributes for Mac Aroni?
- a) Mr. Ree's class, glasses, freckles, no brown eyes
  - b) Mr. Ree's class, no glasses, no freckles, no brown eyes
  - c) Mr. Ree's class, glasses, no freckles, no brown eyes
  - d) None of the above
- 2-3) What do Anita Bath and Jim Shoe have in common?
- a) They both have scars
  - b) They both are girls
  - c) They both wear glasses
  - d) None of the above

Explain \_\_\_\_\_

\_\_\_\_\_



*Seeds in Fall...Collect Them All*  
*Proficiency Assessment*  
(continued)

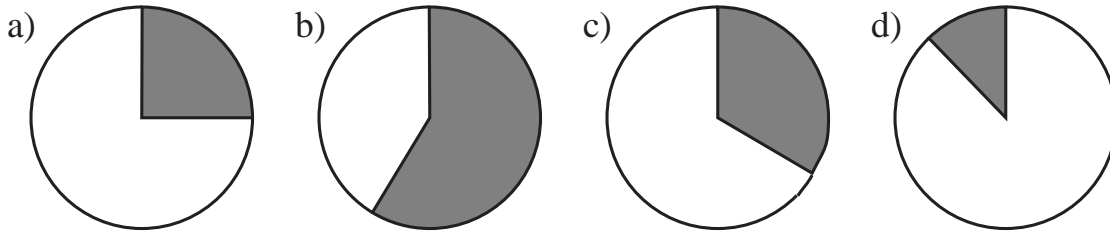


4-5) How many people in this key wear glasses?

- a) two
- b) four
- c) five
- d) eight

Explain \_\_\_\_\_  
\_\_\_\_\_

6-7) 33% of the students in Mr. Ree's class found seeds from sugar maple trees. Choose the graph below whose shaded region matches this percent.



Explain \_\_\_\_\_  
\_\_\_\_\_

**Directions:** Short answer.

The term *seed bank* refers to the collection of seeds in the soil layer of a forest that will sprout with the right temperature, light, and moisture conditions.

8) Describe a human activity that would help to preserve the seed bank of an area.

\_\_\_\_\_  
\_\_\_\_\_

9-10) Describe two human activities that would help to preserve plant biodiversity.

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