

# PECANS

## Math Lesson Plan 2

**Suggested Grade Level:** 2-3

**Objective:** The learner will use information, reasoning, and a calculator to solve a math calculation related to age.

**Materials Provided:** “How Old Will You Be?” worksheet

**Materials needed:** Calculators, pencils

**Activity:**

Show students a picture of a pecan tree or visit the site of a pecan tree in the neighborhood. Tell students that trees take many years to grow. You may wish to discuss how the age of a tree can be determined by counting its rings,

Tell students it will take 7 years for a newly replanted pecan tree to bear fruit.

Distribute worksheets and allow students to calculate the correct answers to the problems posed.

# HOW OLD WILL YOU BE?

## Pecans Worksheet

If a pecan tree was planted on the day you were born, how old would you be when you could eat the first nuts that grew on the tree?

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If Ted was seven years old when the tree was planted, how old would he be when he could eat the first pecans?

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If Jenny planted her pecan tree five years ago, how much longer must she wait before she can enjoy the first pecans from her tree?

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Grandma's pecan tree was planted 50 years ago. How many years has she been able to pick up nuts in the fall?

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### CHALLENGE

Plant a pecan in a coffee can. Leave it outdoors and make sure that it gets light and water. Record the dates when you first see a sprout; when a stem or leaves appear; when the seedling is too large for the coffee can and needs to be planted.