SCIENCE · TREES AND LEAVES · GRADES 1–3

Parts of a Tree

Label the leaves, branch, trunk and roots, then match each part to its job.

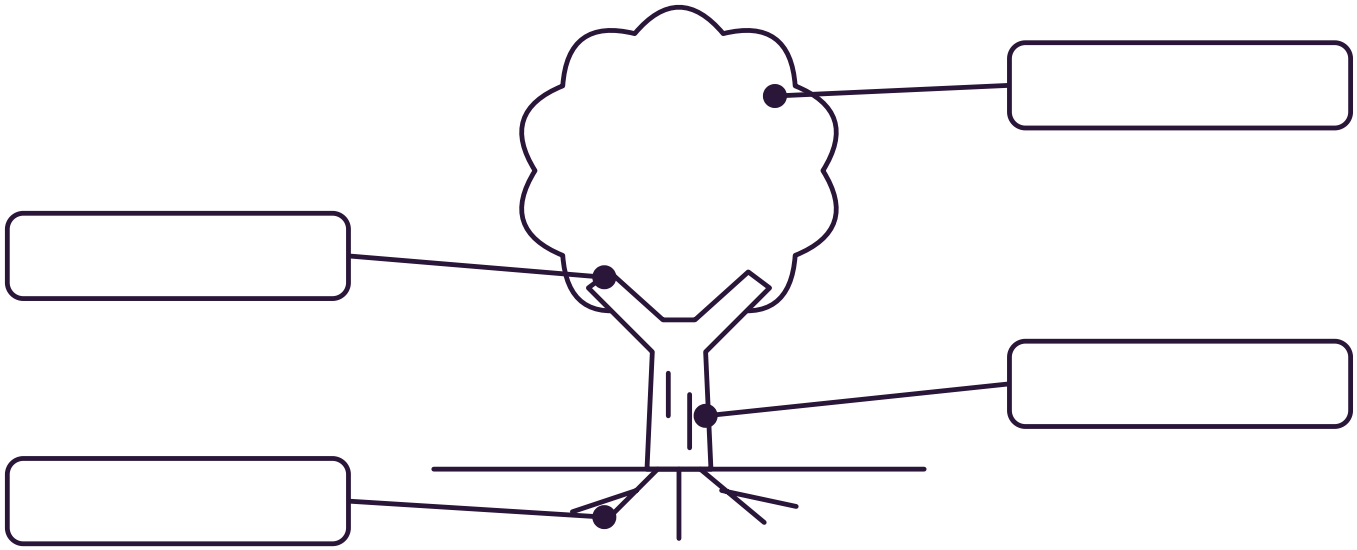
Name: _____ **Date:** _____



Word bank

leaves | branch | trunk | roots

1. Write the name of each part.



2. Draw a line from each part to its job.

roots ●	● make food from sunlight
trunk ●	● hold the leaves up to the sun
branches ●	● hold the tree in the ground and drink water
leaves ●	● holds the tree up and carries water

Art © Kevin Coulston

SCIENCE · TREES AND LEAVES · GRADES 1–3

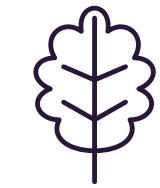
Leaf Shapes

Match an oak leaf, maple leaf, pine needles and ginkgo leaf to their names, then make a leaf rubbing.

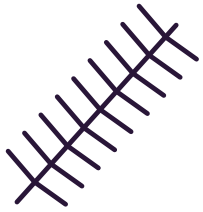
Name: _____ **Date:** _____

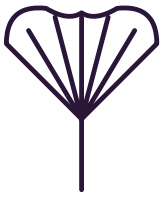


Draw a line from each leaf to its name.









- ginkgo leaf: shaped like a fan
- oak leaf: round bumps called lobes
- maple leaf: pointy lobes, like a hand
- pine needles: long, thin and sharp

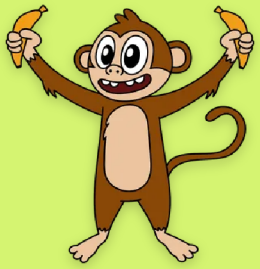
Leaf rubbing: put a leaf under this paper and rub over it with the side of a crayon.

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SCIENCE · TREES AND LEAVES · GRADES 2–4

How Old Is the Tree?

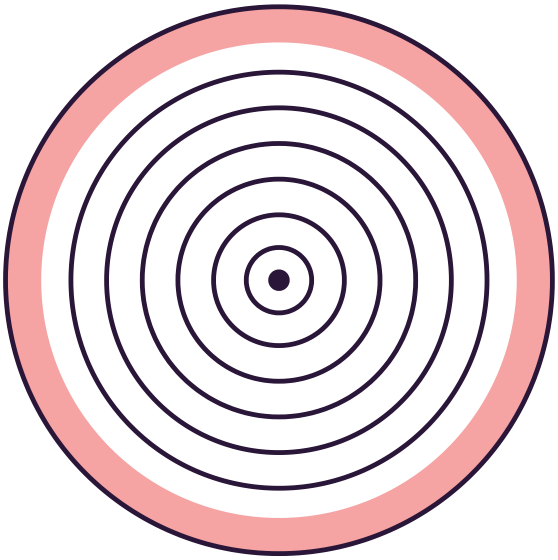
Count the growth rings on a tree stump to find its age, then answer what wide and thin rings mean.



Name: _____ **Date:** _____

Every year a tree grows one new **ring** of wood just under its bark. Count the rings on a stump to find out how old the tree was.

A tree stump. The bark is the gray ring around the outside.



1. How many rings? Do not count the bark. _____

2. How old was the tree? _____

3. It was cut down in 2026. When did it start to grow? _____

Circle the answer.

A wide ring means the tree had

a good growing year **a bad growing year**

A thin ring could mean there was

lots of rain **not much rain**

Art © Kevin Coulston

SCIENCE · TREES AND LEAVES · GRADES K–2

Gifts from Trees

Color the eight things we get from trees and put an X on the four we do not.

Name: _____ **Date:** _____



Color the 8 things we get from trees. Put an X on the 4 we do not.

paper	apples	glass
maple syrup	a wooden chair	a plastic bottle
shade on a hot day	fresh air to breathe	a metal spoon
a home for birds	cinnamon	a rock

Thank you, tree, for...

_____

Art © Kevin Coulston

SCIENCE · TREES AND LEAVES · GRADES K–3

Adopt a Tree

Pick a tree to visit: name it, make a bark rubbing, draw a leaf, measure the trunk and record four visits.

Name: _____ **Date:** _____



My tree's name _____ **Where it grows** _____

Bark rubbing: hold the paper on the trunk and rub with a crayon.

Draw one of its leaves (or needles).

Around the trunk (wrap a string, then measure it) _____

Visit	Date	What I see on my tree
1		
2		
3		
4		

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ANSWER KEY · TREES AND LEAVES · GRADES 1–3

Answer Key: Parts of a Tree

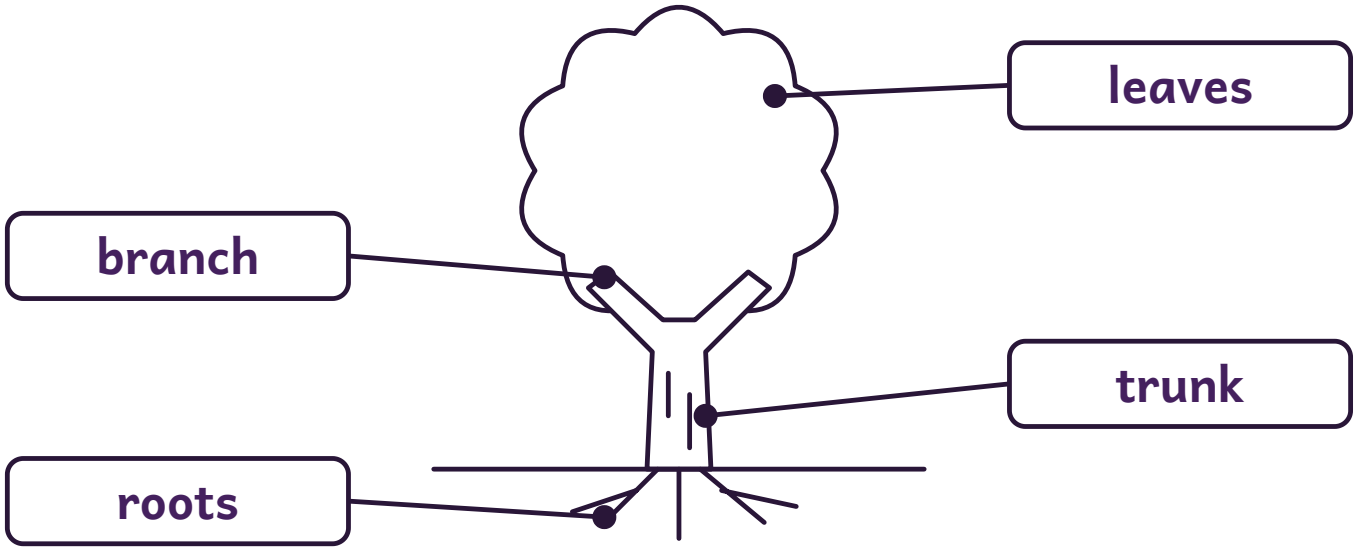
Answers for grown-ups. Some questions have more than one good answer.



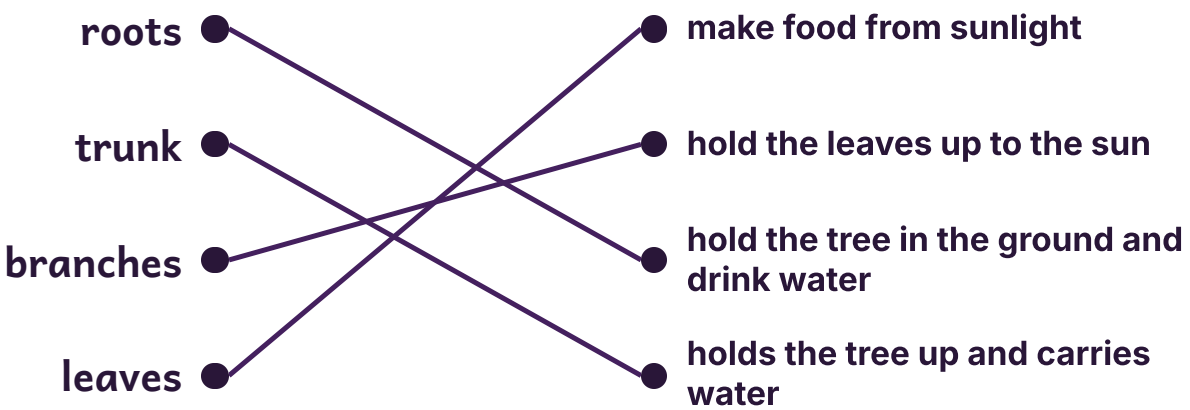
Word bank

leaves | branch | trunk | roots

1. Write the name of each part.



2. Draw a line from each part to its job.

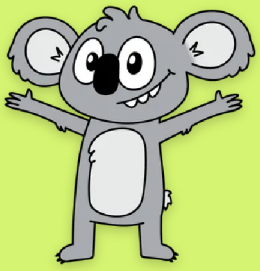


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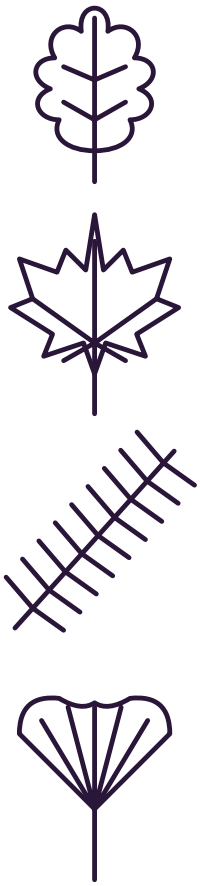
ANSWER KEY · TREES AND LEAVES · GRADES 1–3

Answer Key: Leaf Shapes

Answers for grown-ups. Some questions have more than one good answer.



Draw a line from each leaf to its name.



- ginkgo leaf: shaped like a fan
- oak leaf: round bumps called lobes
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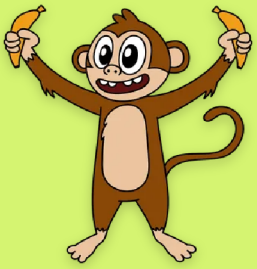
Leaf rubbing: put a leaf under this paper and rub over it with the side of a crayon.

Art © Kevin Coulston

ANSWER KEY · TREES AND LEAVES · GRADES 2–4

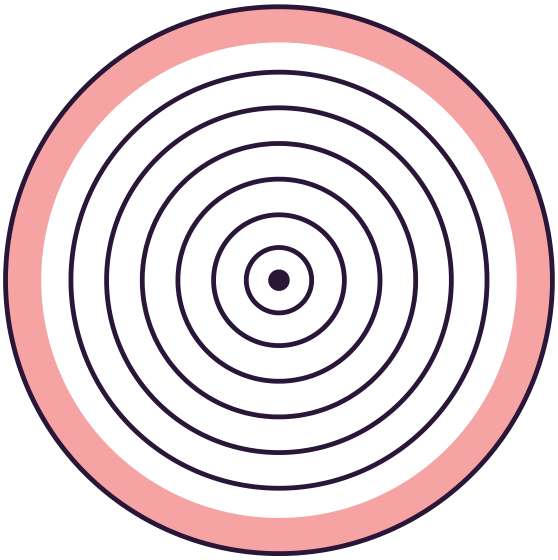
Answer Key: How Old Is the Tree?

Answers for grown-ups. Some questions have more than one good answer.



Every year a tree grows one new **ring** of wood just under its bark. Count the rings on a stump to find out how old the tree was.

A tree stump. The bark is the gray ring around the outside.



1. How many rings? Do not count the bark. 6

2. How old was the tree? 6 years

3. It was cut down in 2026. When did it start to grow? 2020

Circle the answer.

A wide ring means the tree had

a good growing year | a bad growing year

A thin ring could mean there was

lots of rain | **not much rain**

Art © Kevin Coulston

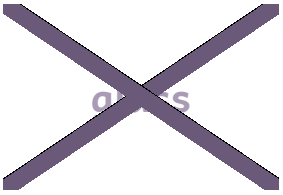
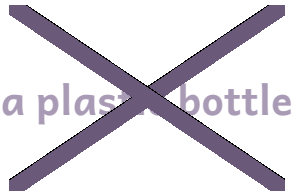
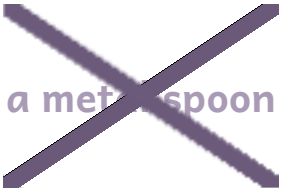
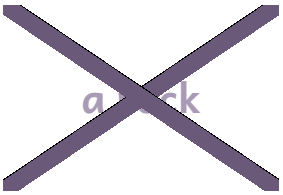
ANSWER KEY · TREES AND LEAVES · GRADES K–2

Answer Key: Gifts from Trees

Answers for grown-ups. Some questions have more than one good answer.



Color the 8 things we get from trees. Put an X on the 4 we do not.

paper	apples	
maple syrup	a wooden chair	
shade on a hot day	fresh air to breathe	
a home for birds	cinnamon	

Thank you, tree, for…

Art © Kevin Coulston