



**New Vocabulary:** equation, equivalent equations, equivalent inequalities, false equation, inequality, inverse operations, open sentence, true equation

**Review Vocabulary:** equivalent expressions

## Vocabulary Review

- Identify two challenging vocabulary terms from this topic. Write one vocabulary term in the center oval, and fill in the surrounding boxes with details that will help you better understand the term.

<b>Definition</b>	<b>Characteristics</b>
	
<b>Example</b>	<b>Nonexample</b>

<b>Definition</b>	<b>Characteristics</b>
	
<b>Example</b>	<b>Nonexample</b>

# Pull It All Together

## TASK 1

- Write a word problem that can be described by the equation  $h + 19 = 72$ .

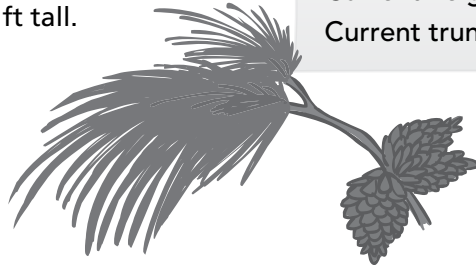
## TASK 2

- The Loblolly Pine is one type of pine tree that grows in the United States.

A Loblolly Pine tree sold to a customer has an information card attached to it.

### Loblolly Pine Facts

- A mature tree is at least 60 ft tall.
- A mature tree has a straight trunk that contains no knots for up to 30 ft.



Current height: 8 ft  
Current trunk length: 6 ft

Write an equation or inequality that relates each of the current measurements of the tree to the general facts about the Loblolly Pine tree. Then solve each equation or inequality.