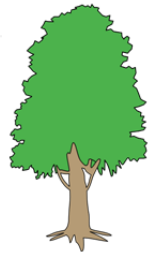


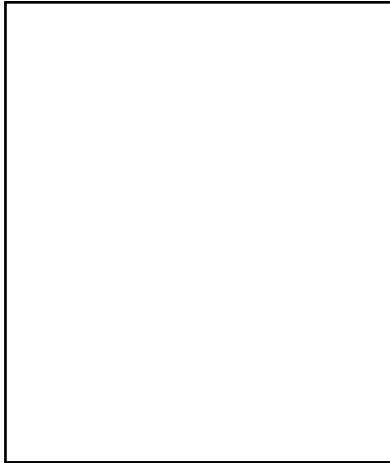
Key Learning: To use the language of rotation

Face blue and make one full turn clockwise.	Face yellow and make one half turn clockwise.
Face green and make two $\frac{1}{4}$ turns clockwise.	Face red and turn clockwise a $\frac{1}{4}$ turn.
Face blue and turn a $\frac{1}{2}$ turn clockwise.	Face yellow and make a $\frac{3}{4}$ turn anti-clockwise.
Face green and make three $\frac{1}{4}$ turns anti-clockwise.	Face red and make two full turns clockwise.

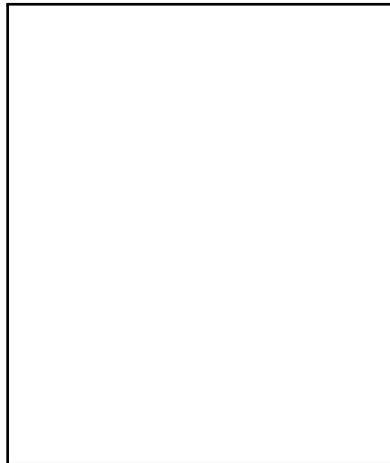
Key Learning: To use the language of rotation



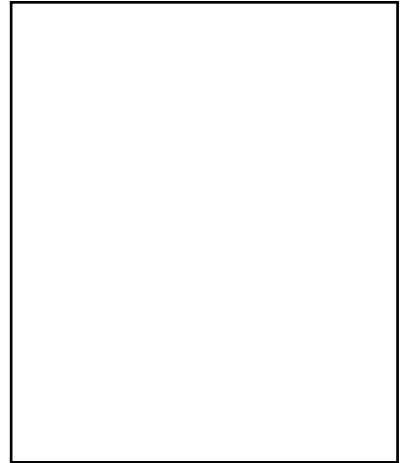
Show what this tree would look like if it were rotated:



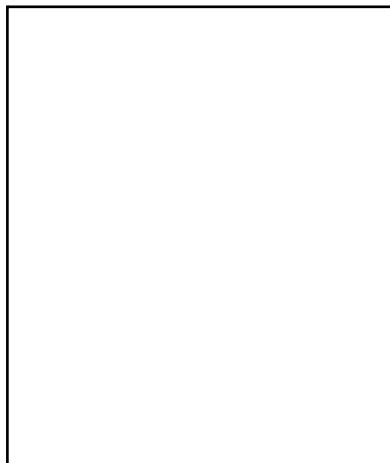
a $\frac{1}{4}$ turn
clockwise



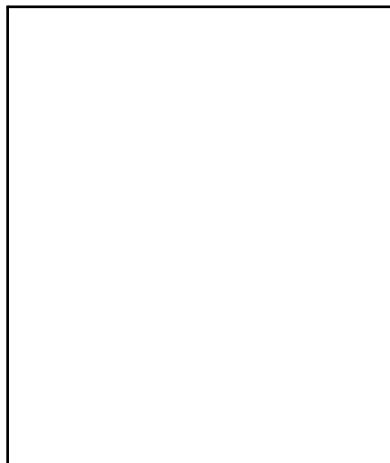
a $\frac{1}{2}$ turn
clockwise



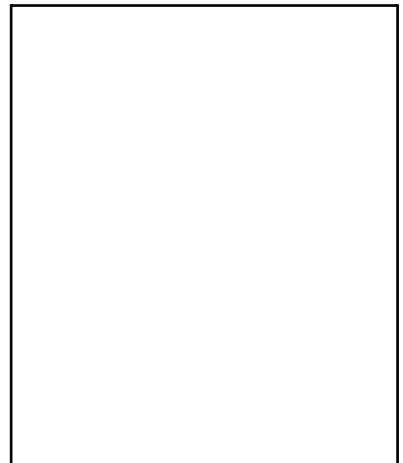
a $\frac{1}{4}$ turn anti-
clockwise



a $\frac{3}{4}$ turn
clockwise



a $\frac{1}{2}$ turn anti-
clockwise



a $\frac{3}{4}$ turn anti-
clockwise