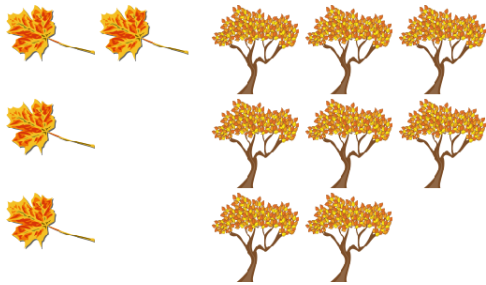
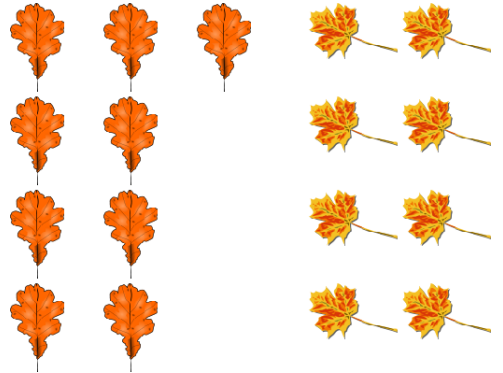


Autumn Ratios (E)

Find each ratio and simplify, if necessary.



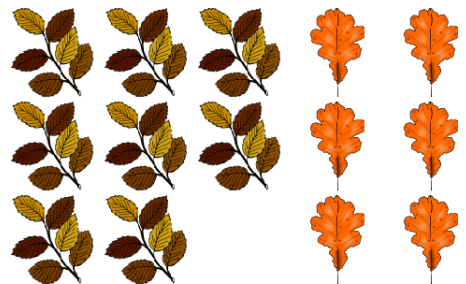
$$\begin{aligned} \text{maple leaf} : \text{tree} &= \quad : \quad = \quad : \\ \text{tree} : \text{maple leaf} &= \quad : \quad = \quad : \end{aligned}$$



$$\begin{aligned} \text{oak leaf} : \text{maple leaf} &= \quad : \quad = \quad : \\ \text{maple leaf} : \text{oak leaf} &= \quad : \quad = \quad : \end{aligned}$$



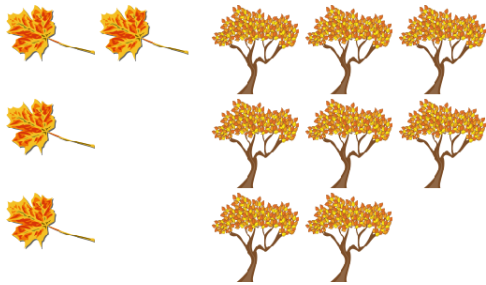
$$\begin{aligned} \text{oak leaf} : (\text{oak leaf} + \text{tree}) &= \quad : \quad = \quad : \\ \text{tree} : (\text{tree} + \text{oak leaf}) &= \quad : \quad = \quad : \end{aligned}$$



$$\begin{aligned} \text{maple leaf} : (\text{maple leaf} + \text{oak leaf}) &= \quad : \quad = \quad : \\ \text{oak leaf} : (\text{oak leaf} + \text{maple leaf}) &= \quad : \quad = \quad : \end{aligned}$$

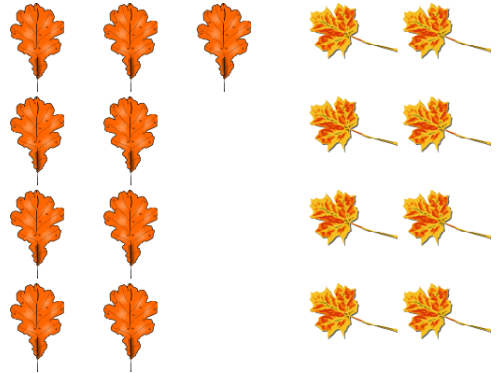
Autumn Ratios (E) Answers

Find each ratio and simplify, if necessary.



$$\text{maple leaf} : \text{tree} = 4 : 8 = 1 : 2$$

$$\text{tree} : \text{maple leaf} = 8 : 4 = 2 : 1$$



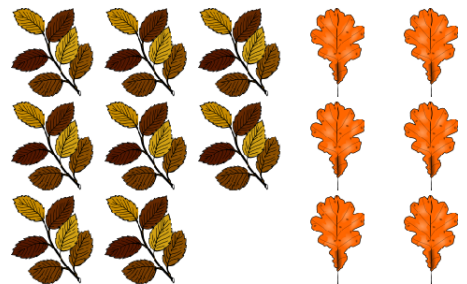
$$\text{oak leaf} : \text{maple leaf} = 9 : 8 = 9 : 8$$

$$\text{maple leaf} : \text{oak leaf} = 8 : 9 = 8 : 9$$



$$\text{oak leaf} : (\text{oak leaf} + \text{tree}) = 1 : 9 = 1 : 9$$

$$\text{tree} : (\text{tree} + \text{oak leaf}) = 8 : 9 = 8 : 9$$



$$\text{leafy branch} : (\text{leafy branch} + \text{oak leaf}) = 8 : 14 = 4 : 7$$

$$\text{oak leaf} : (\text{oak leaf} + \text{leafy branch}) = 6 : 14 = 3 : 7$$