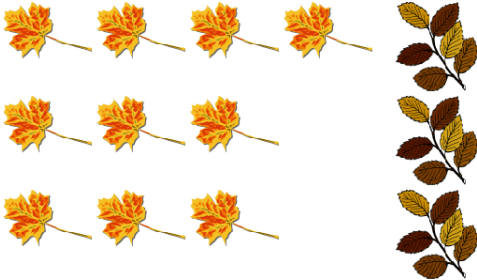
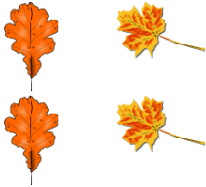


Autumn Ratios (H)

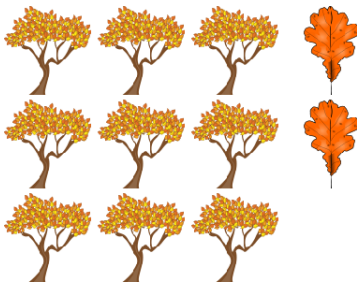
Find each ratio and simplify, if necessary.



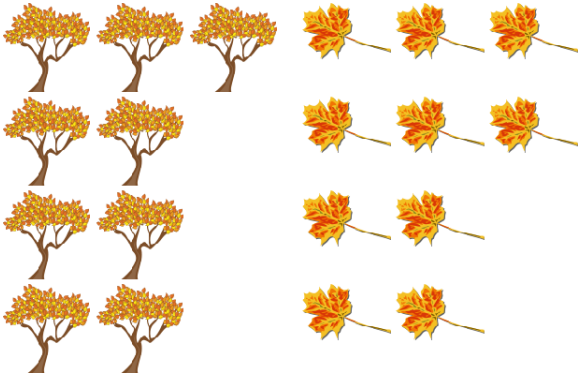
$$\begin{aligned} \text{Yellow leaf} : (\text{Yellow leaf} + \text{Brown branch}) &= \quad : \quad = \quad : \\ \text{Brown branch} : (\text{Brown branch} + \text{Yellow leaf}) &= \quad : \quad = \quad : \end{aligned}$$



$$\begin{aligned} \text{Orange leaf} : \text{Yellow leaf} &= \quad : \quad = \quad : \\ \text{Yellow leaf} : \text{Orange leaf} &= \quad : \quad = \quad : \end{aligned}$$



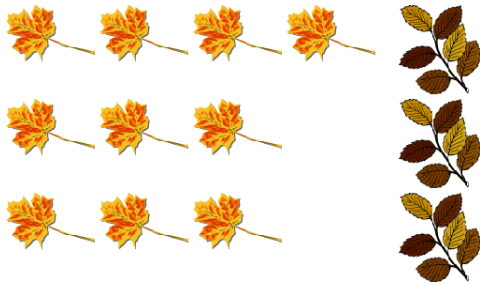
$$\begin{aligned} \text{Yellow tree} : \text{Orange leaf} &= \quad : \quad = \quad : \\ \text{Orange leaf} : \text{Yellow tree} &= \quad : \quad = \quad : \end{aligned}$$



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

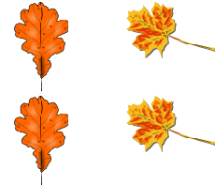
Autumn Ratios (H) Answers

Find each ratio and simplify, if necessary.



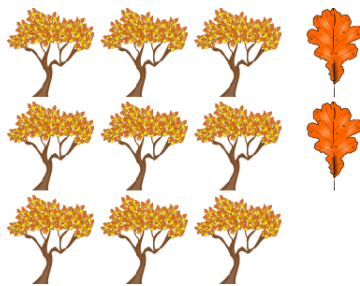
$$\text{Yellow Leaf} : (\text{Yellow Leaf} + \text{Brown Branch}) = 10 : 13 = 10 : 13$$

$$\text{Brown Branch} : (\text{Brown Branch} + \text{Yellow Leaf}) = 3 : 13 = 3 : 13$$



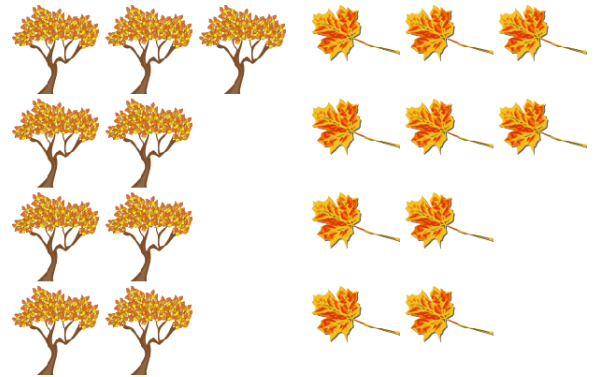
$$\text{Oak Leaf} : \text{Yellow Leaf} = 2 : 2 = 1 : 1$$

$$\text{Yellow Leaf} : \text{Oak Leaf} = 2 : 2 = 1 : 1$$



$$\text{Yellow Tree} : \text{Oak Leaf} = 9 : 2 = 9 : 2$$

$$\text{Oak Leaf} : \text{Yellow Tree} = 2 : 9 = 2 : 9$$



$$\text{Yellow Tree} : (\text{Yellow Tree} + \text{Yellow Leaf}) = 9 : 19 = 9 : 19$$

$$\text{Yellow Leaf} : (\text{Yellow Leaf} + \text{Yellow Tree}) = 10 : 19 = 10 : 19$$