

# Autumn Trees Picture Ratios (A)

Name: \_\_\_\_\_

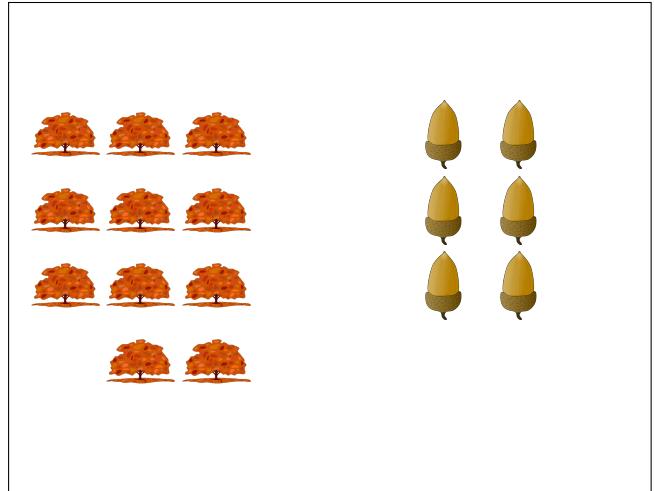
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



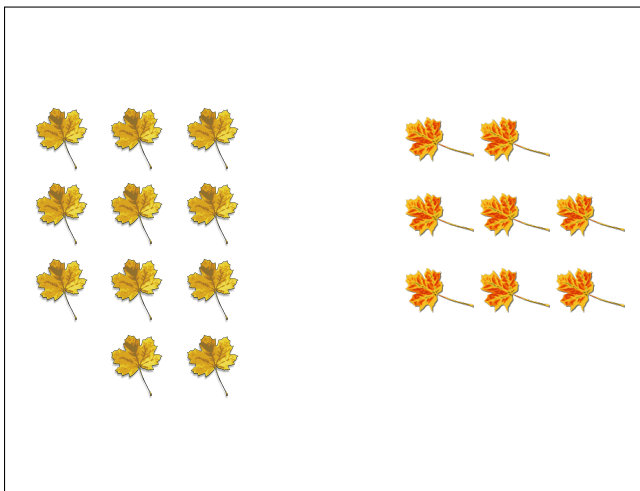
$$\text{leaf} : (\text{acorn} + \text{leaf}) =$$

$$\text{acorn} : \text{leaf} =$$



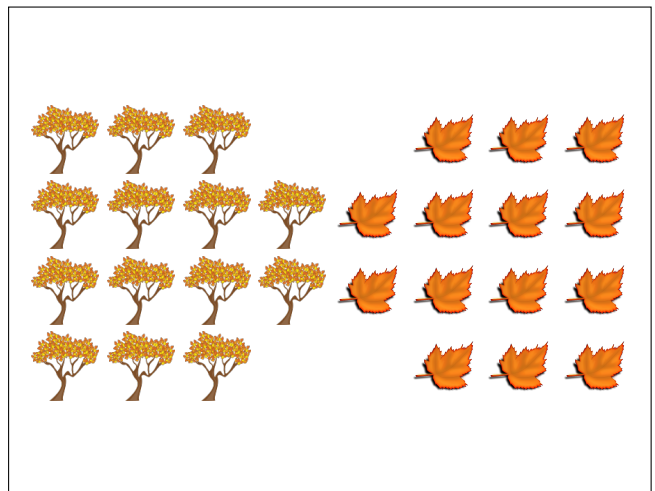
$$\text{tree} : \text{acorn} =$$

$$\text{acorn} : (\text{tree} + \text{acorn}) =$$



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

$$\text{tree} : \text{leaf} =$$



$$\text{tree} : \text{leaf} =$$

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

# Autumn Trees Picture Ratios (A) Answers

Name: \_\_\_\_\_

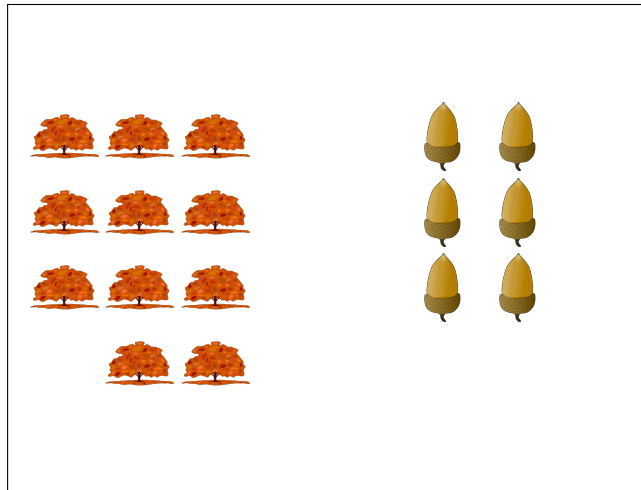
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



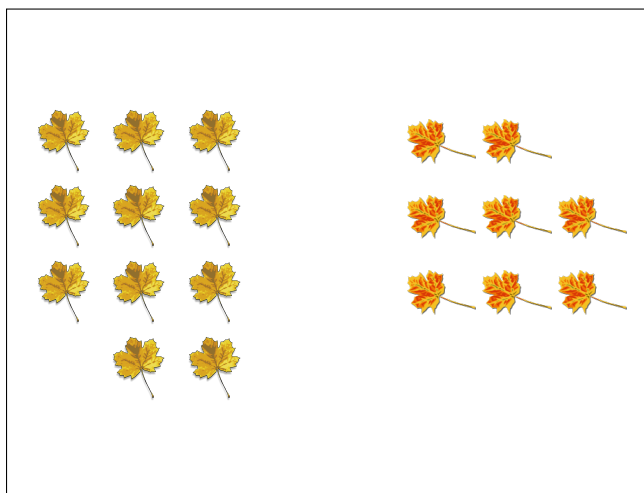
$$\text{leaf} : (\text{acorn} + \text{leaf}) = 11 : 31$$

$$\text{acorn} : \text{leaf} = 20 : 11$$



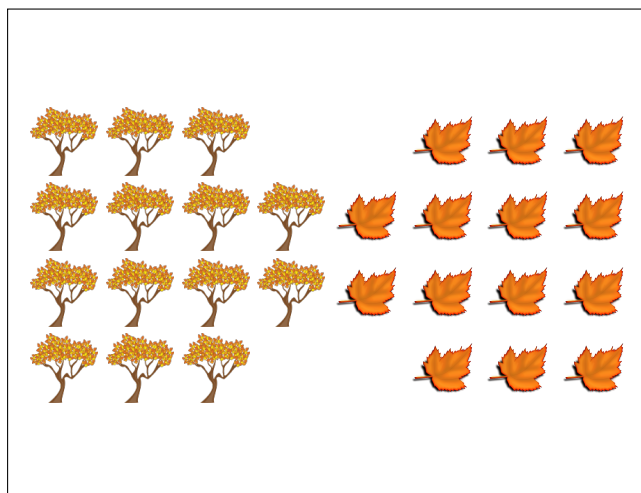
$$\text{tree} : \text{acorn} = 11 : 6$$

$$\text{acorn} : (\text{tree} + \text{acorn}) = 6 : 17$$



$$\text{yellow leaf} : (\text{orange leaf} + \text{yellow leaf}) = 11 : 19$$

$$\text{orange leaf} : \text{yellow leaf} = 8 : 11$$



$$\text{yellow tree} : \text{orange leaf} = 14 : 14 = 1 : 1$$

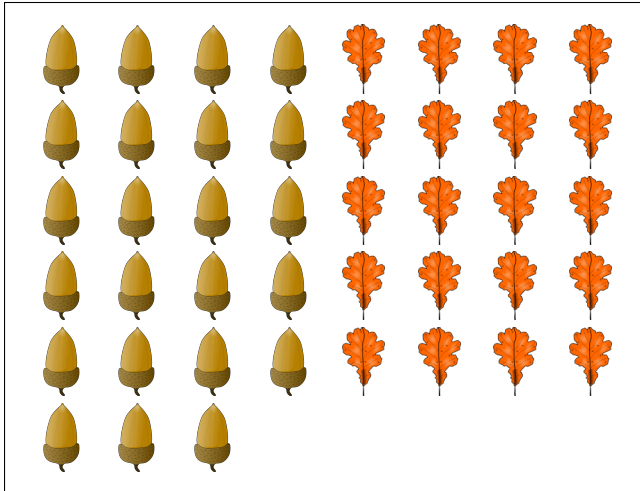
$$\text{orange leaf} : (\text{yellow tree} + \text{orange leaf}) = 14 : 28 = 1 : 2$$

# Autumn Trees Picture Ratios (B)

Name: \_\_\_\_\_

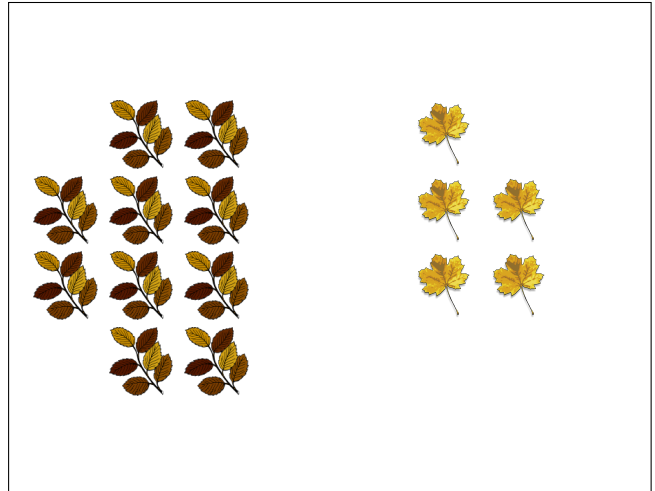
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



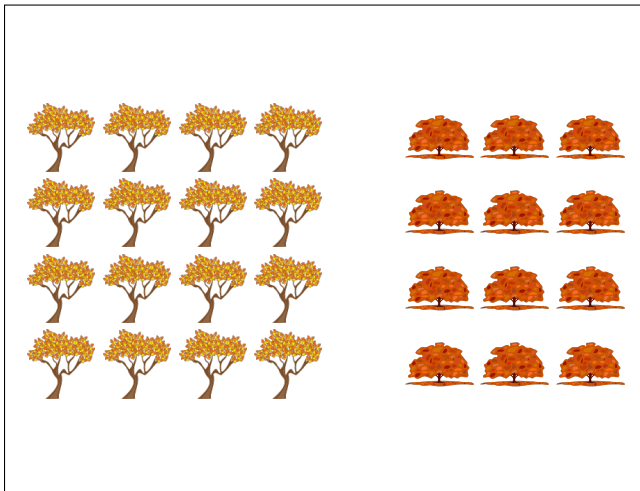
$$\text{acorn} : (\text{oak leaf} + \text{acorn}) =$$

$$\text{oak leaf} : \text{acorn} =$$



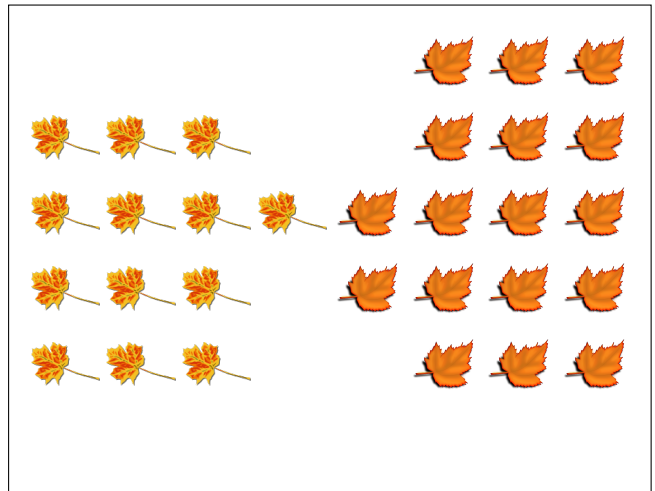
$$\text{dark brown leaf} : \text{yellow leaf} =$$

$$\text{yellow leaf} : (\text{dark brown leaf} + \text{yellow leaf}) =$$



$$\text{yellow tree} : (\text{orange tree} + \text{yellow tree}) =$$

$$\text{orange tree} : \text{yellow tree} =$$



$$\text{yellow leaf} : (\text{orange leaf} + \text{yellow leaf}) =$$

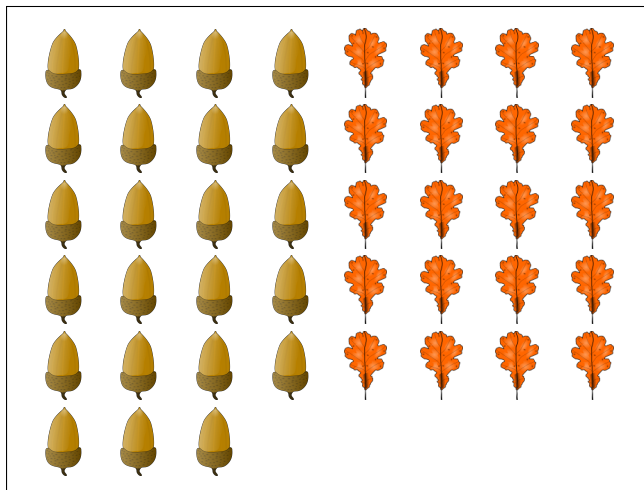
$$\text{orange leaf} : \text{yellow leaf} =$$

# Autumn Trees Picture Ratios (B) Answers

Name: \_\_\_\_\_

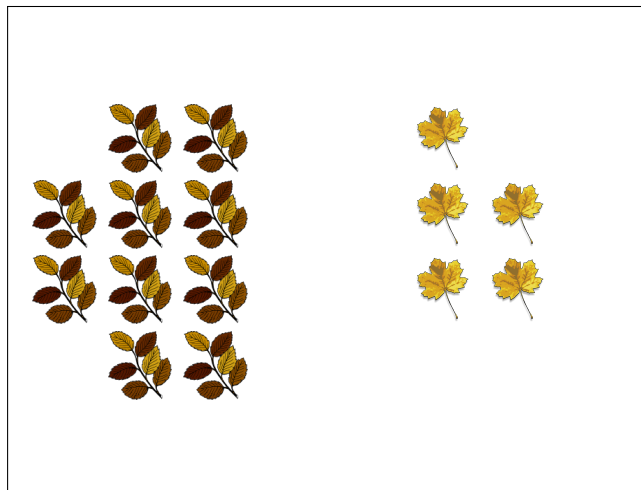
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



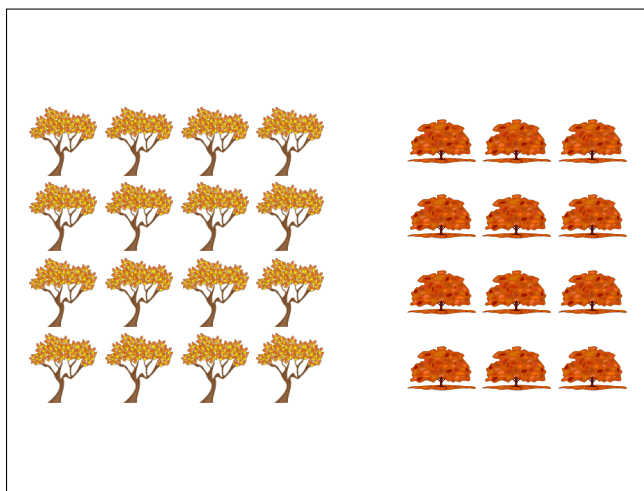
$$\text{acorn} : (\text{oak leaf} + \text{acorn}) = 23 : 43$$

$$\text{oak leaf} : \text{acorn} = 20 : 23$$



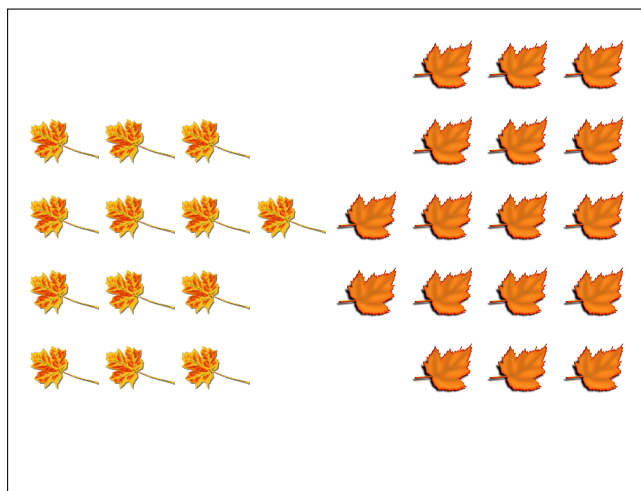
$$\text{dark brown leaf} : \text{yellow maple leaf} = 10 : 5 = 2 : 1$$

$$\text{yellow maple leaf} : (\text{dark brown leaf} + \text{yellow maple leaf}) = 5 : 15 = 1 : 3$$



$$\text{deciduous tree} : (\text{evergreen tree} + \text{deciduous tree}) = 16 : 28 = 4 : 7$$

$$\text{evergreen tree} : \text{deciduous tree} = 12 : 16 = 3 : 4$$



$$\text{maple leaf} : (\text{oak leaf} + \text{maple leaf}) = 13 : 30$$

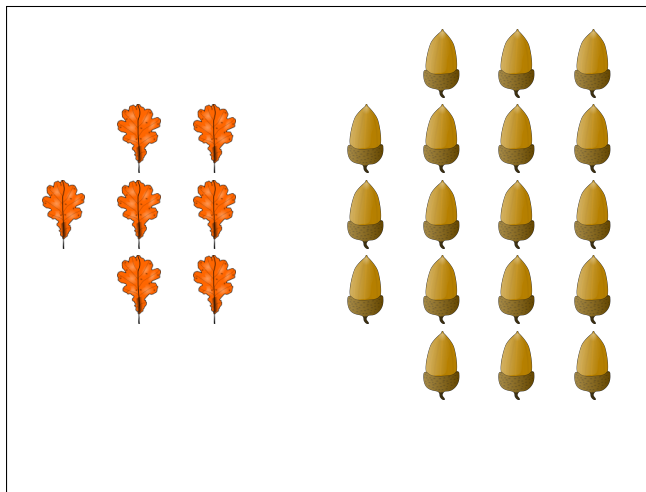
$$\text{oak leaf} : \text{maple leaf} = 17 : 13$$

# Autumn Trees Picture Ratios (C)

Name: \_\_\_\_\_

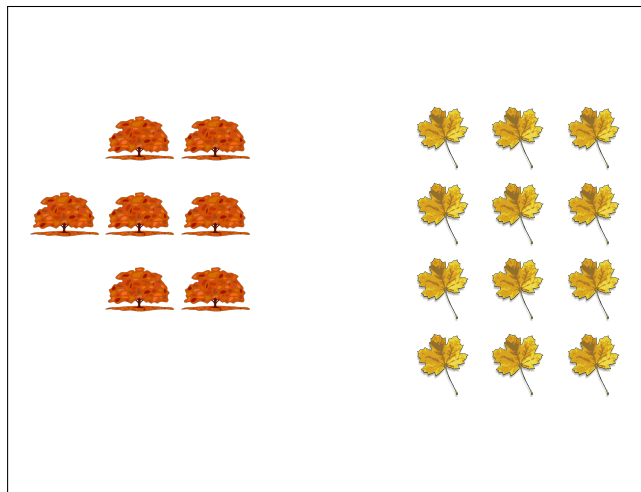
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



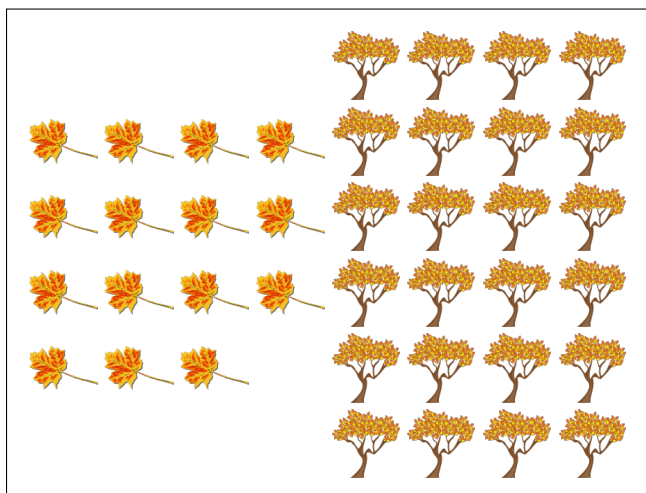
$$\text{leaf} : \text{acorn} =$$

$$\text{acorn} : (\text{leaf} + \text{acorn}) =$$



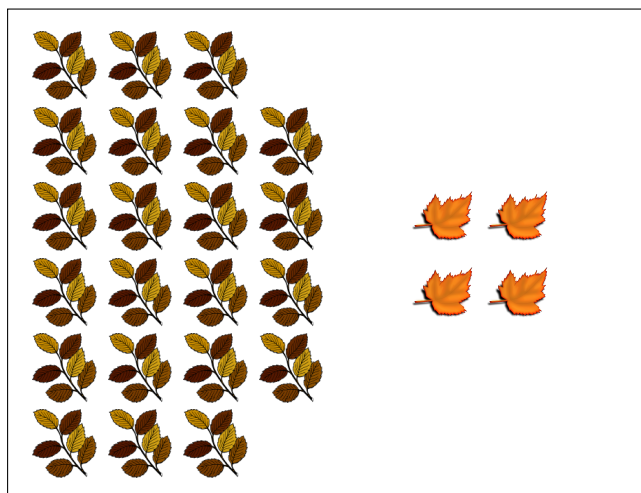
$$\text{orange tree} : \text{yellow leaf} =$$

$$\text{yellow leaf} : (\text{orange tree} + \text{yellow leaf}) =$$



$$\text{yellow leaf} : \text{yellow tree} =$$

$$\text{yellow tree} : (\text{yellow leaf} + \text{yellow tree}) =$$



$$\text{green leaf} : (\text{orange leaf} + \text{green leaf}) =$$

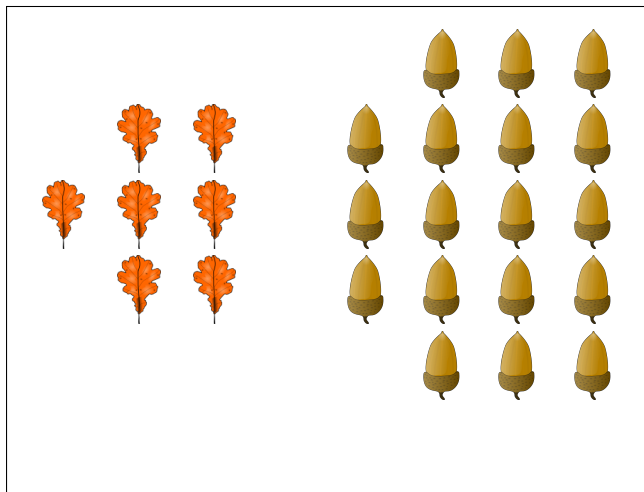
$$\text{orange leaf} : \text{green leaf} =$$

# Autumn Trees Picture Ratios (C) Answers

Name: \_\_\_\_\_

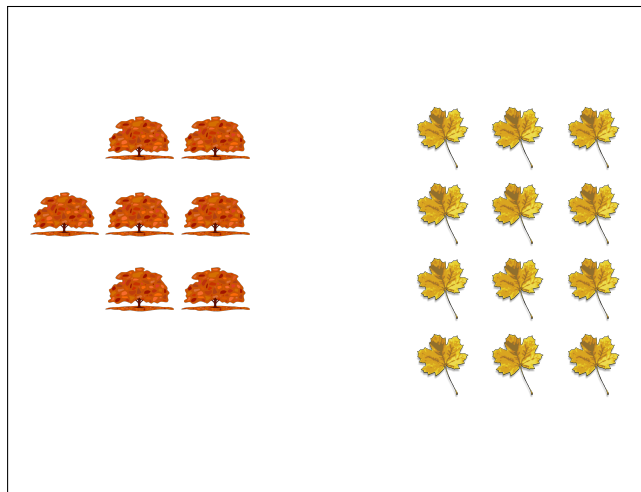
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



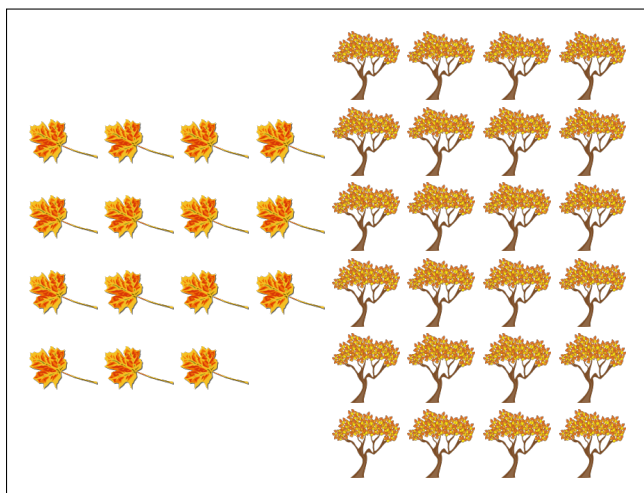
$$\text{leaf} : \text{acorn} = 7 : 18$$

$$\text{acorn} : (\text{leaf} + \text{acorn}) = 18 : 25$$



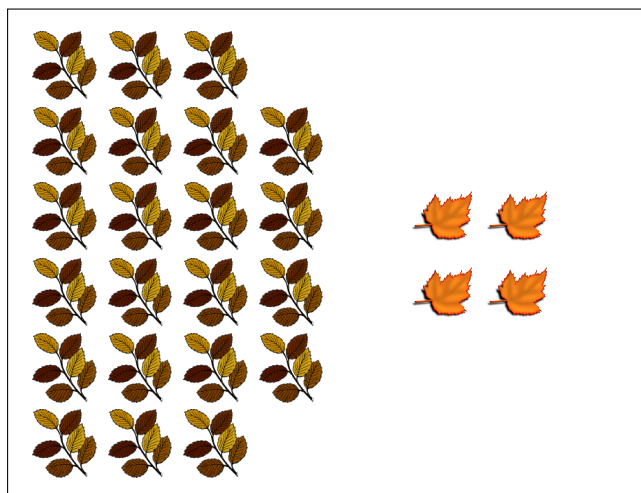
$$\text{orange tree} : \text{yellow leaf} = 7 : 12$$

$$\text{yellow leaf} : (\text{orange tree} + \text{yellow leaf}) = 12 : 19$$



$$\text{yellow leaf} : \text{yellow tree} = 15 : 24 = 5 : 8$$

$$\text{yellow tree} : (\text{yellow leaf} + \text{yellow tree}) = 24 : 39 = 8 : 13$$



$$\text{brown leaf} : (\text{orange leaf} + \text{brown leaf}) = 22 : 26 = 11 : 13$$

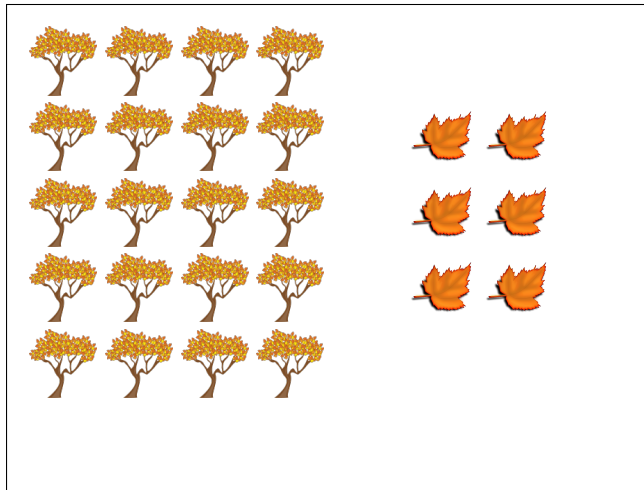
$$\text{orange leaf} : \text{brown leaf} = 4 : 22 = 2 : 11$$

# Autumn Trees Picture Ratios (D)

Name: \_\_\_\_\_

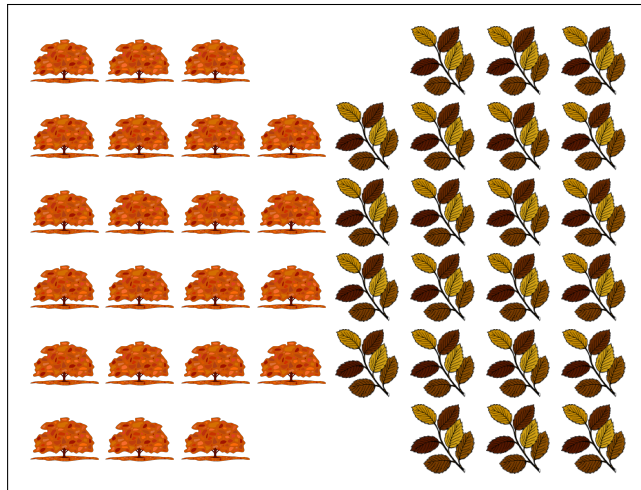
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



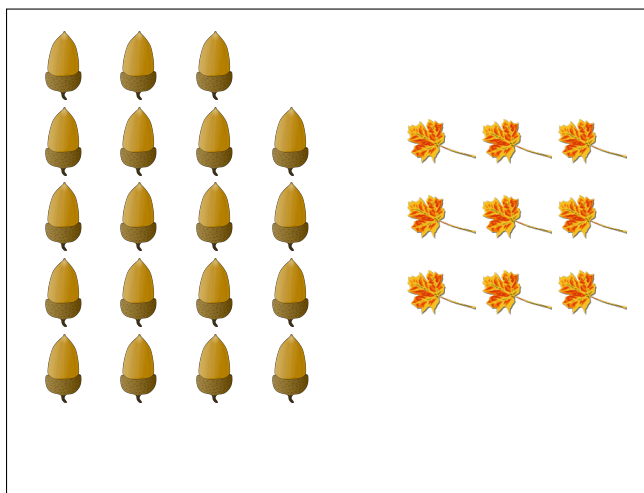
$$\text{Tree} : \text{Leaf} =$$

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



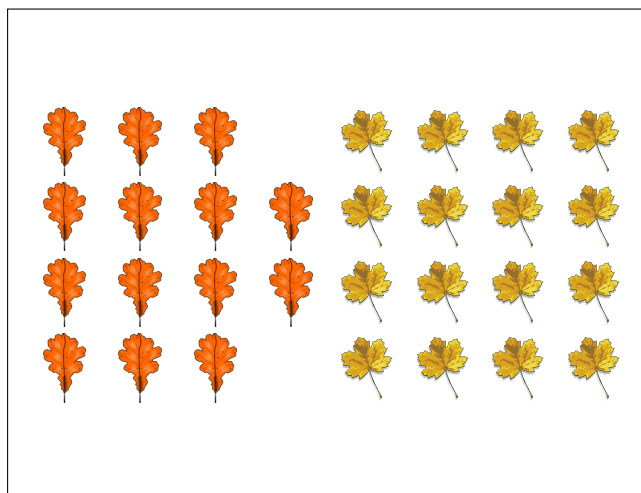
$$\text{Tree} : (\text{Leaf} + \text{Tree}) =$$

$$\text{Leaf} : \text{Tree} =$$



$$\text{Acorn} : \text{Leaf} =$$

$$\text{Leaf} : (\text{Acorn} + \text{Leaf}) =$$



$$\text{Orange Leaf} : (\text{Yellow Leaf} + \text{Orange Leaf}) =$$

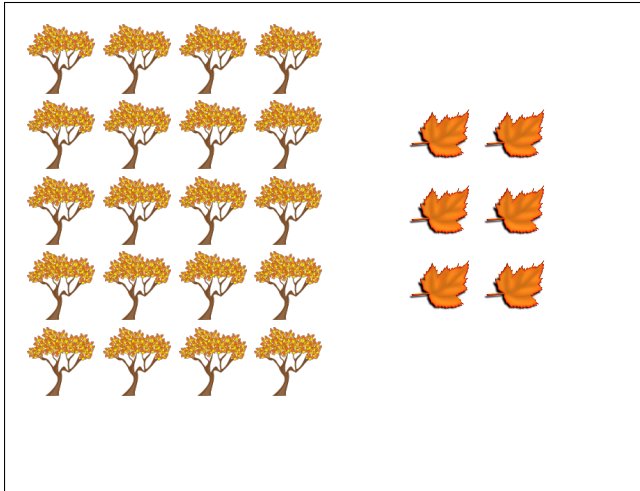
$$\text{Yellow Leaf} : \text{Orange Leaf} =$$

# Autumn Trees Picture Ratios (D) Answers

Name: \_\_\_\_\_

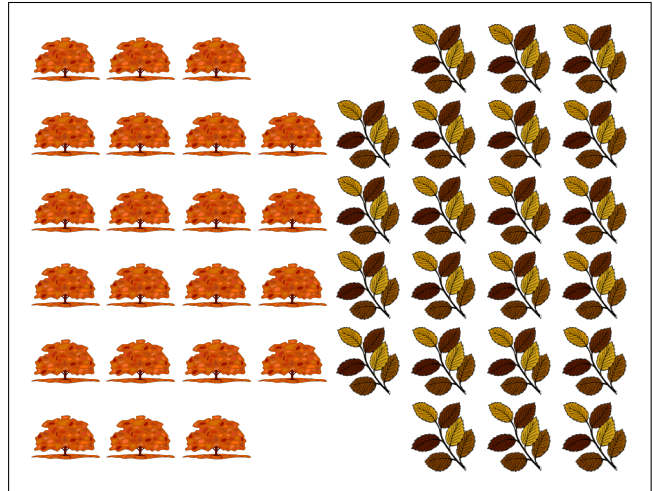
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



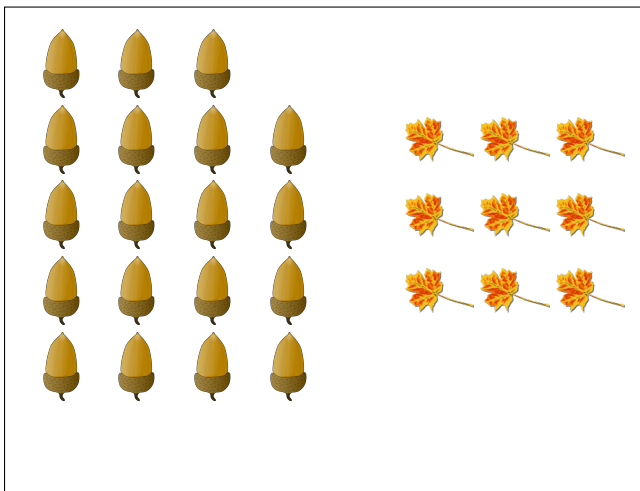
$$\text{tree} : \text{leaf} = 20 : 6 = 10 : 3$$

$$\text{leaf} : (\text{tree} + \text{leaf}) = 6 : 26 = 3 : 13$$



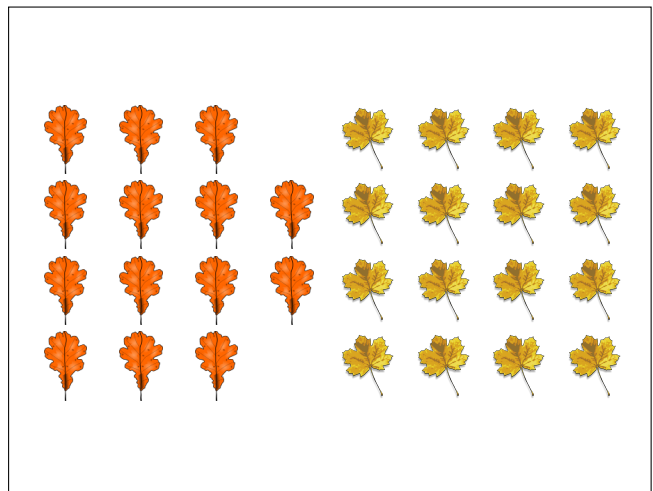
$$\text{tree} : (\text{leaf} + \text{tree}) = 22 : 44 = 1 : 2$$

$$\text{leaf} : \text{tree} = 22 : 22 = 1 : 1$$



$$\text{acorn} : \text{leaf} = 19 : 9$$

$$\text{leaf} : (\text{acorn} + \text{leaf}) = 9 : 28$$



$$\text{orange leaf} : (\text{yellow leaf} + \text{orange leaf}) = 14 : 30 = 7 : 15$$

$$\text{yellow leaf} : \text{orange leaf} = 16 : 14 = 8 : 7$$

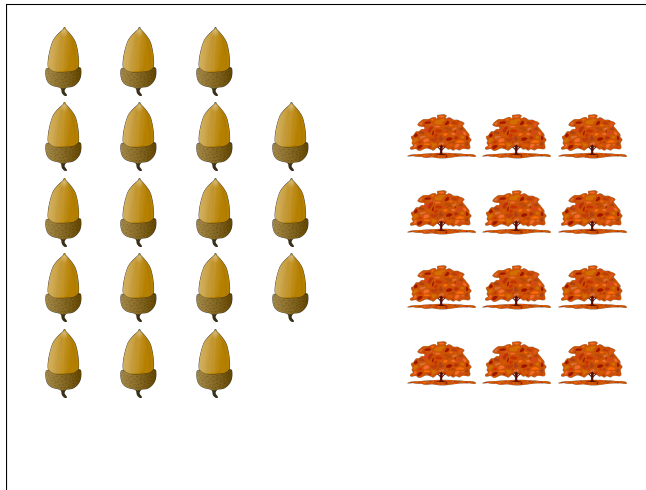


# Autumn Trees Picture Ratios (E)

Name: \_\_\_\_\_

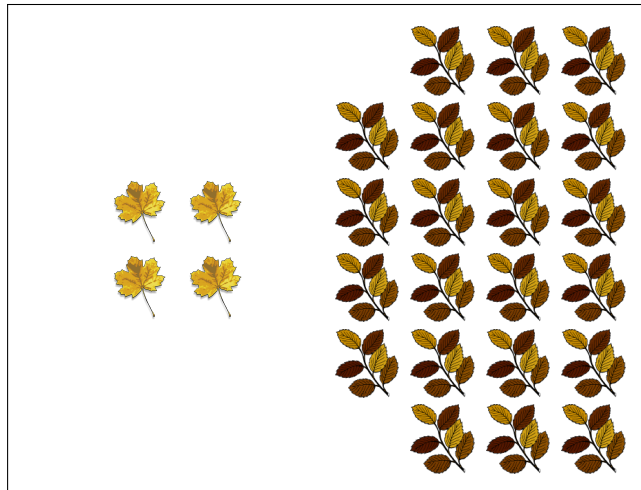
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



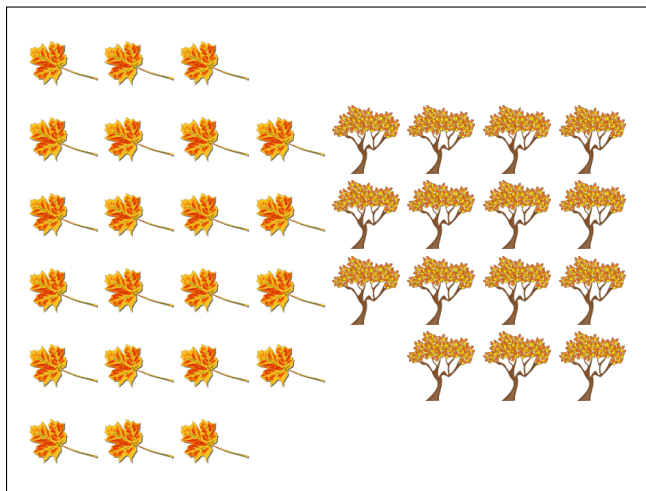
$$\text{acorn} : (\text{tree} + \text{acorn}) =$$

$$\text{tree} : \text{acorn} =$$



$$\text{yellow leaf} : \text{brown leaf} =$$

$$\text{brown leaf} : (\text{yellow leaf} + \text{brown leaf}) =$$



$$\text{maple leaf} : \text{tree} =$$

$$\text{tree} : (\text{maple leaf} + \text{tree}) =$$



$$\text{maple leaf} : (\text{oak leaf} + \text{maple leaf}) =$$

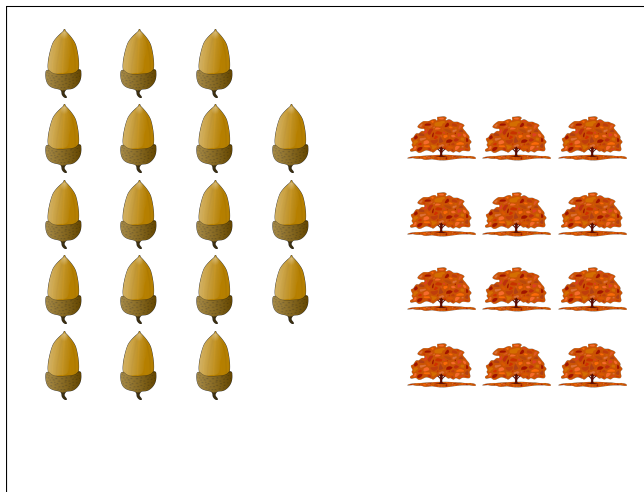
$$\text{oak leaf} : \text{maple leaf} =$$

# Autumn Trees Picture Ratios (E) Answers

Name: \_\_\_\_\_

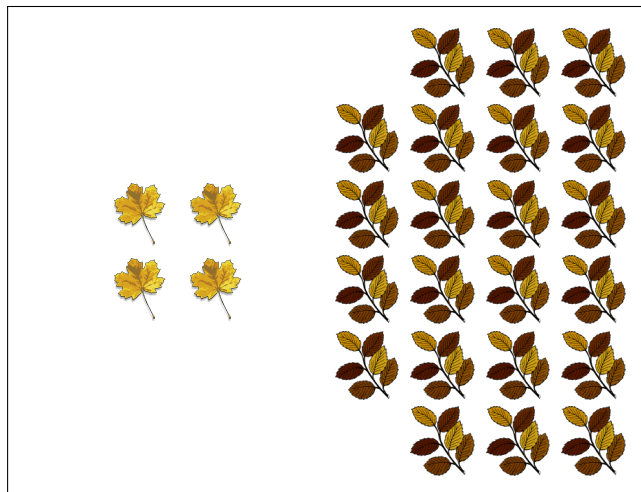
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



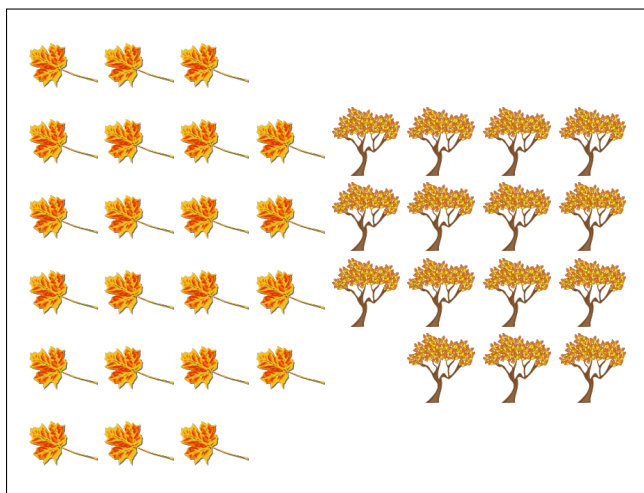
$$\text{acorn} : (\text{tree} + \text{acorn}) = 18 : 30 = 3 : 5$$

$$\text{tree} : \text{acorn} = 12 : 18 = 2 : 3$$



$$\text{yellow leaf} : \text{brown leaf} = 4 : 22 = 2 : 11$$

$$\text{brown leaf} : (\text{yellow leaf} + \text{brown leaf}) = 22 : 26 = 11 : 13$$



$$\text{yellow leaf} : \text{tree} = 22 : 15$$

$$\text{tree} : (\text{yellow leaf} + \text{tree}) = 15 : 37$$



$$\text{yellow leaf} : (\text{yellow leaf} + \text{tree}) = 17 : 35$$

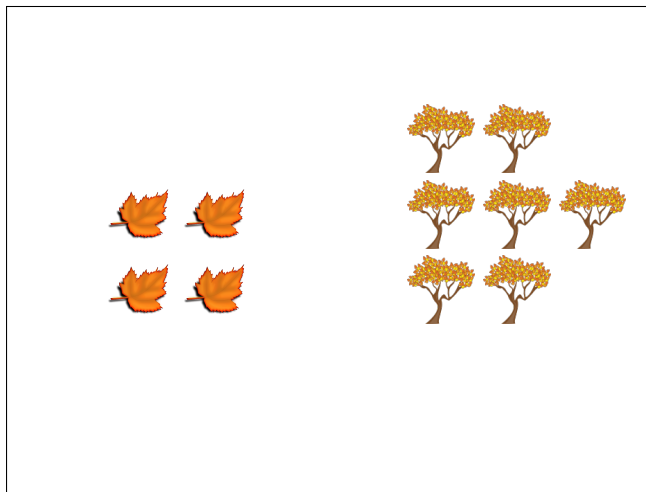
$$\text{tree} : \text{yellow leaf} = 18 : 17$$

# Autumn Trees Picture Ratios (F)

Name: \_\_\_\_\_

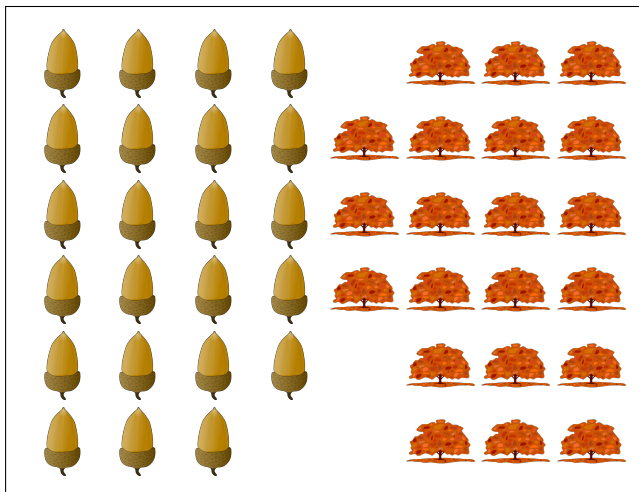
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



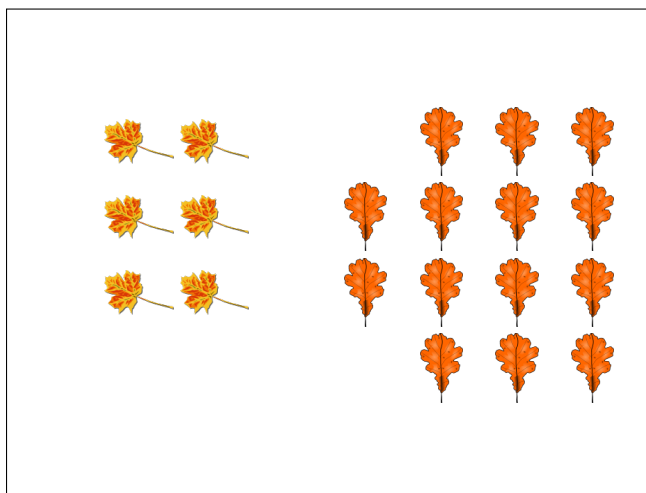
$$\text{leaf} : (\text{tree} + \text{leaf}) =$$

$$\text{tree} : \text{leaf} =$$



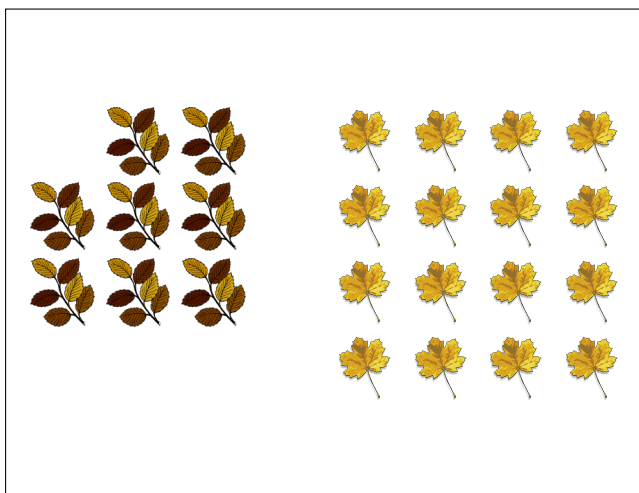
$$\text{acorn} : \text{tree} =$$

$$\text{tree} : (\text{acorn} + \text{tree}) =$$



$$\text{yellow leaf} : (\text{orange leaf} + \text{yellow leaf}) =$$

$$\text{orange leaf} : \text{yellow leaf} =$$



$$\text{brown leaf} : (\text{yellow leaf} + \text{brown leaf}) =$$

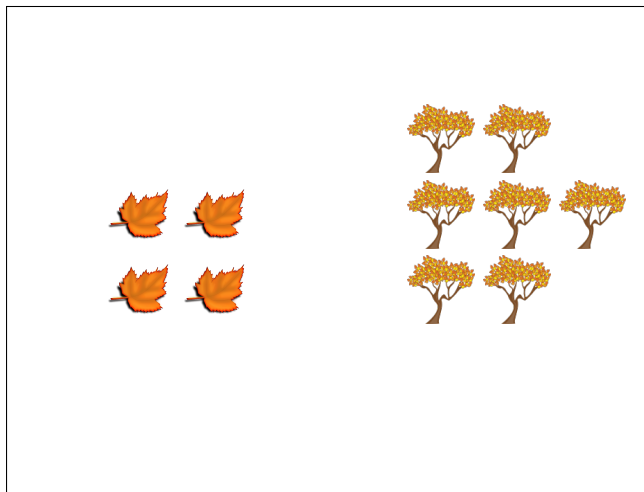
$$\text{yellow leaf} : \text{brown leaf} =$$

# Autumn Trees Picture Ratios (F) Answers

Name: \_\_\_\_\_

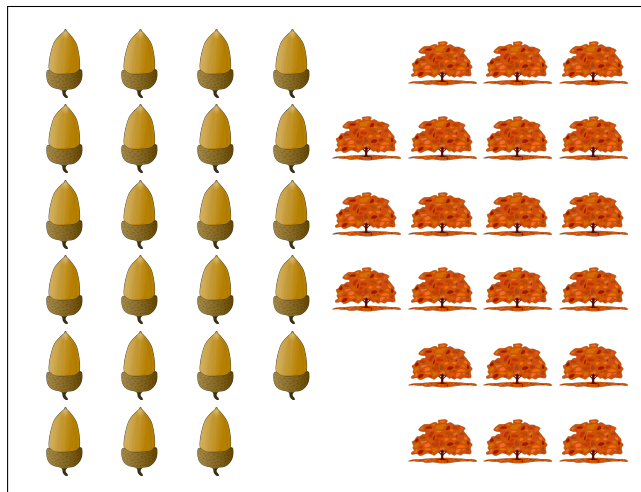
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



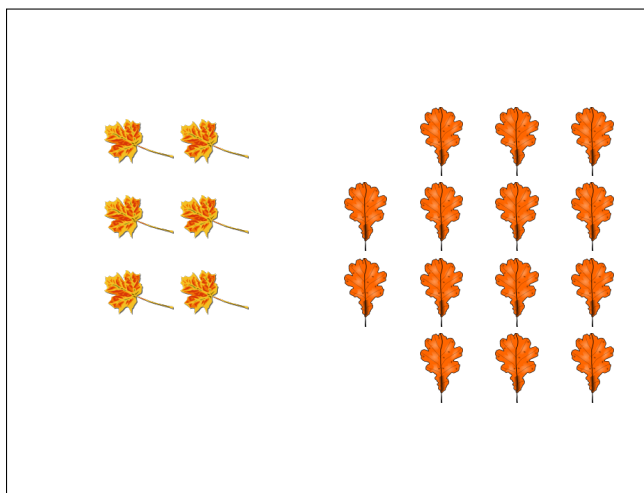
$$\text{leaf} : (\text{tree} + \text{leaf}) = 4 : 11$$

$$\text{tree} : \text{leaf} = 7 : 4$$



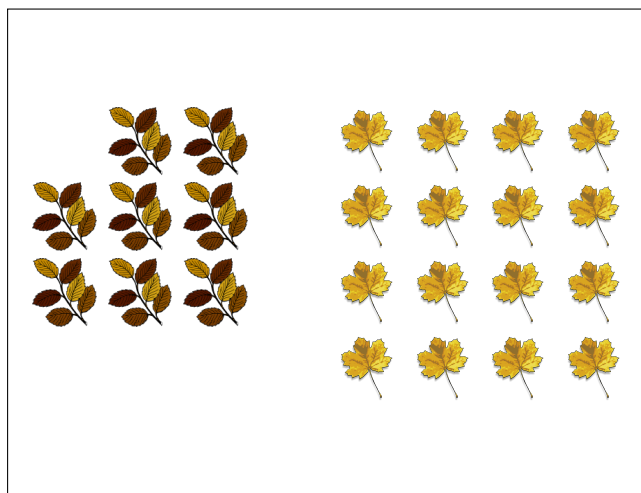
$$\text{acorn} : \text{tree} = 23 : 21$$

$$\text{tree} : (\text{acorn} + \text{tree}) = 21 : 44$$



$$\text{maple} : (\text{oak} + \text{maple}) = 6 : 20 = 3 : 10$$

$$\text{oak} : \text{maple} = 14 : 6 = 7 : 3$$



$$\text{oak} : (\text{maple} + \text{oak}) = 8 : 24 = 1 : 3$$

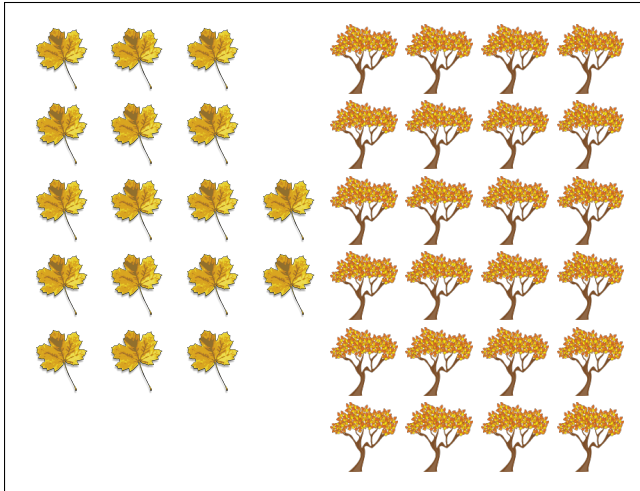
$$\text{maple} : \text{oak} = 16 : 8 = 2 : 1$$

# Autumn Trees Picture Ratios (G)

Name: \_\_\_\_\_

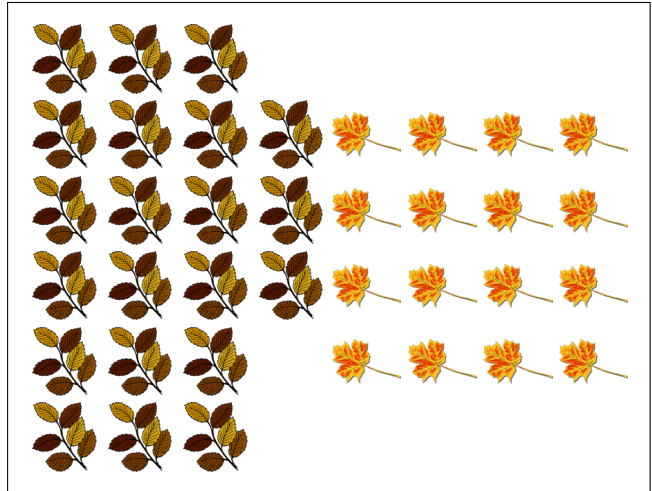
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



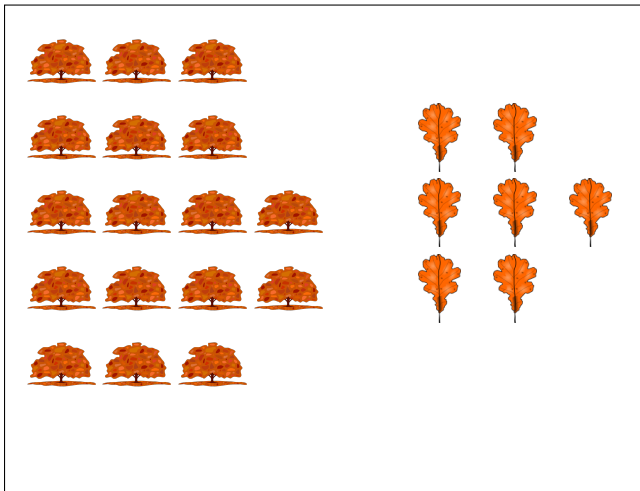
$$\text{leaf} : \text{tree} =$$

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



$$\text{dark leaf} : (\text{yellow leaf} + \text{small dark leaf}) =$$

$$\text{yellow leaf} : \text{small dark leaf} =$$



$$\text{tree} : \text{leaf} =$$

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



$$\text{acorn} : \text{leaf} =$$

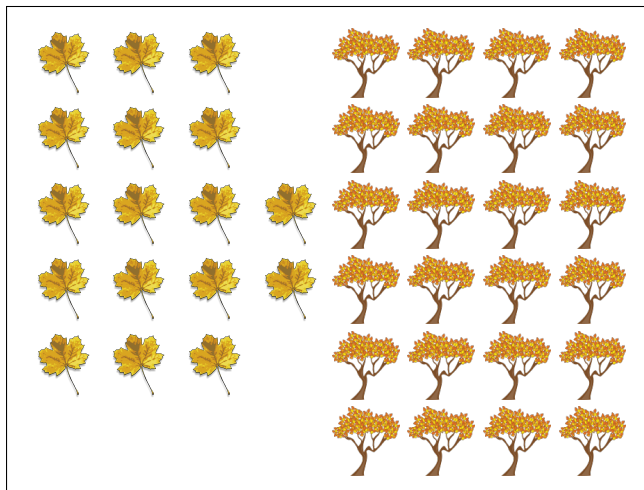
$$\text{leaf} : (\text{acorn} + \text{leaf}) =$$

# Autumn Trees Picture Ratios (G) Answers

Name: \_\_\_\_\_

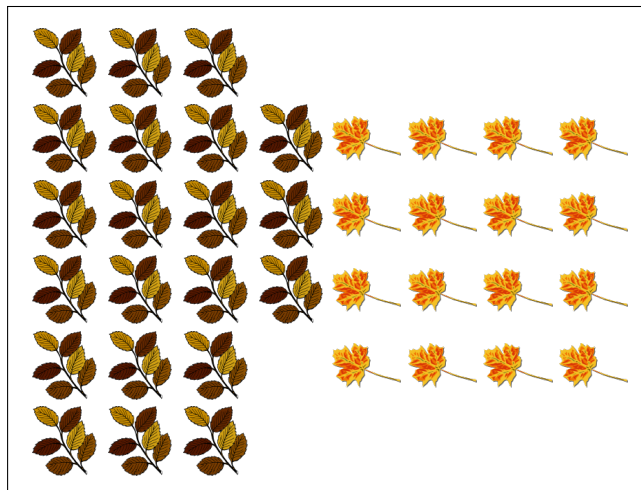
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



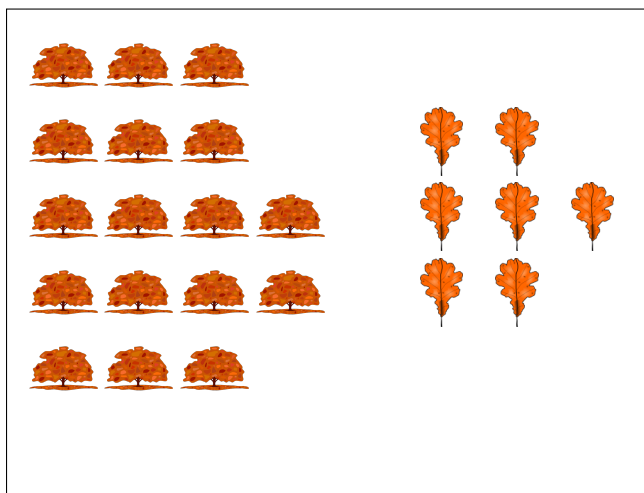
$$\text{leaf} : \text{tree} = 17 : 24$$

$$\text{tree} : (\text{leaf} + \text{tree}) = 24 : 41$$



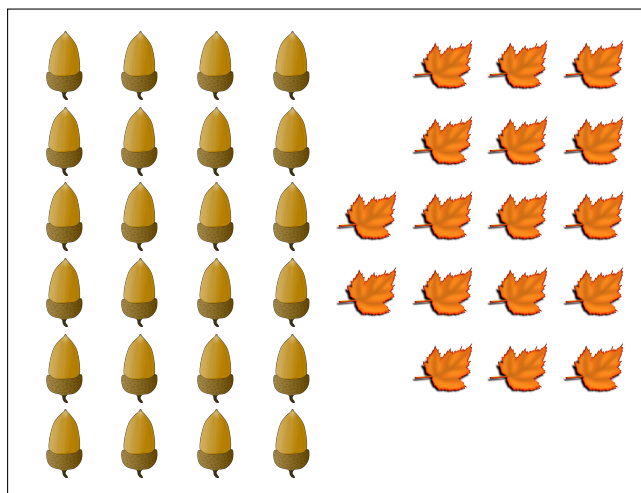
$$\text{dark leaf} : (\text{orange leaf} + \text{dark leaf}) = 21 : 37$$

$$\text{orange leaf} : \text{dark leaf} = 16 : 21$$



$$\text{tree} : \text{leaf} = 17 : 7$$

$$\text{leaf} : (\text{tree} + \text{leaf}) = 7 : 24$$



$$\text{acorn} : \text{leaf} = 24 : 17$$

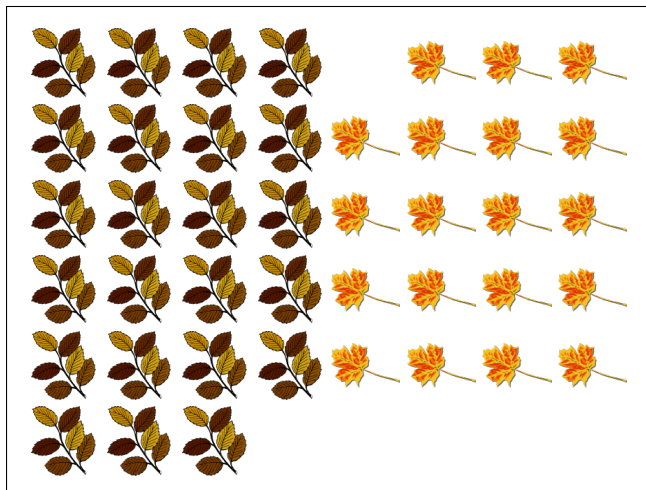
$$\text{leaf} : (\text{acorn} + \text{leaf}) = 17 : 41$$

# Autumn Trees Picture Ratios (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



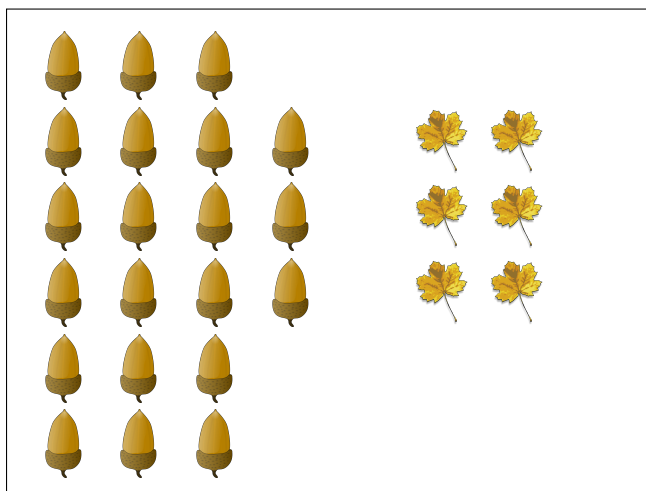
$$\text{leaf branch} : \text{yellow leaf} =$$

$$\text{yellow leaf} : (\text{leaf branch} + \text{yellow leaf}) =$$



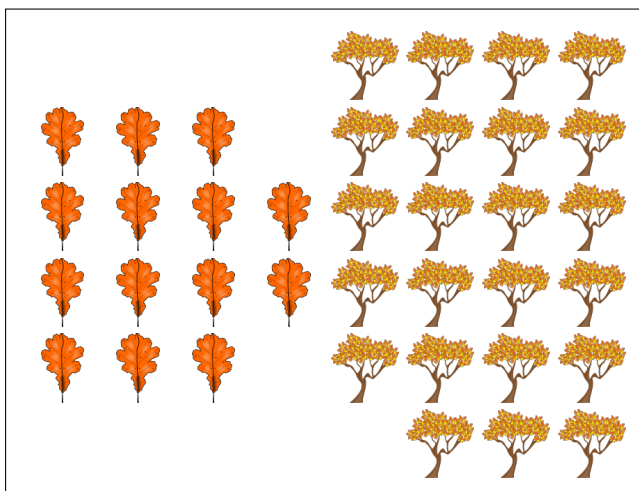
$$\text{yellow leaf} : (\text{orange tree} + \text{yellow leaf}) =$$

$$\text{orange tree} : \text{yellow leaf} =$$



$$\text{acorn} : (\text{yellow leaf} + \text{acorn}) =$$

$$\text{yellow leaf} : \text{acorn} =$$



$$\text{orange tree} : (\text{yellow tree} + \text{orange tree}) =$$

$$\text{yellow tree} : \text{orange tree} =$$

# Autumn Trees Picture Ratios (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



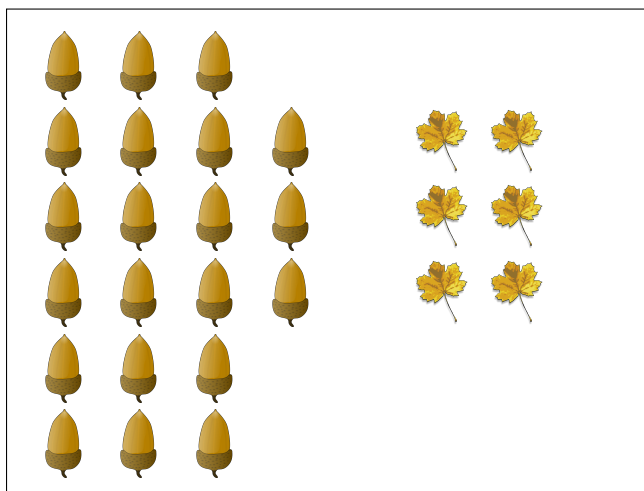
$$\text{leafy branch} : \text{leaf} = 23 : 19$$

$$\text{leaf} : (\text{leafy branch} + \text{leaf}) = 19 : 42$$



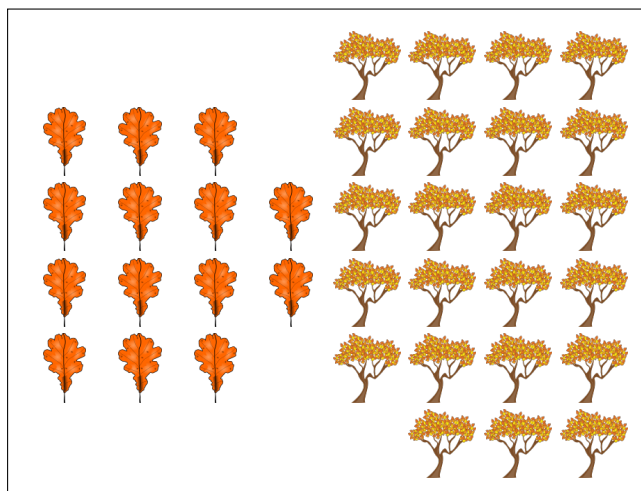
$$\text{leaf} : (\text{tree} + \text{leaf}) = 13 : 37$$

$$\text{tree} : \text{leaf} = 24 : 13$$



$$\text{acorn} : (\text{leaf} + \text{acorn}) = 21 : 27 = 7 : 9$$

$$\text{leaf} : \text{acorn} = 6 : 21 = 2 : 7$$



$$\text{leaf} : (\text{tree} + \text{leaf}) = 14 : 37$$

$$\text{tree} : \text{leaf} = 23 : 14$$

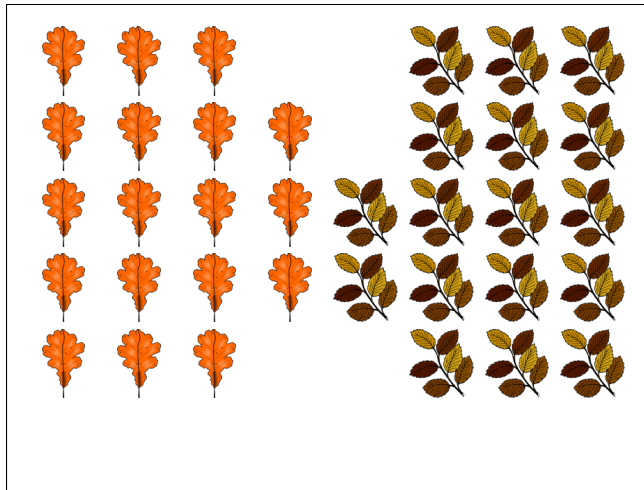


# Autumn Trees Picture Ratios (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



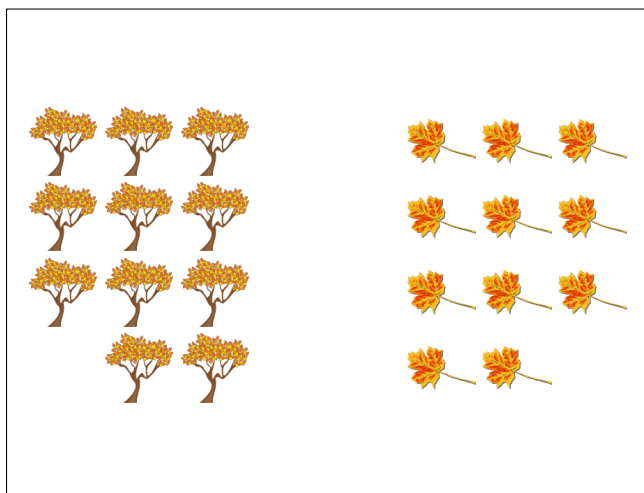
$$\text{leaf} : \text{branch} =$$

$$\text{branch} : (\text{leaf} + \text{branch}) =$$



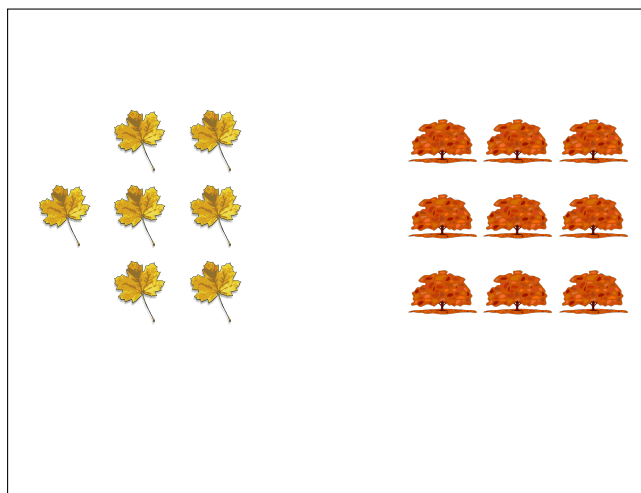
$$\text{acorn} : \text{leaf} =$$

$$\text{leaf} : (\text{acorn} + \text{leaf}) =$$



$$\text{tree} : \text{leaf} =$$

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



$$\text{leaf} : \text{tree} =$$

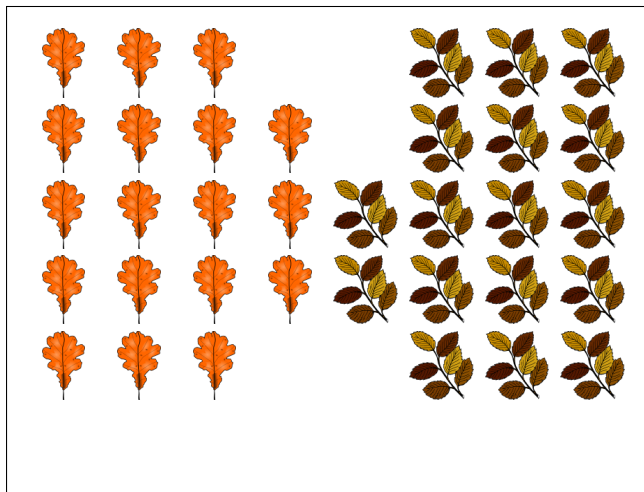
$$\text{tree} : (\text{leaf} + \text{tree}) =$$

# Autumn Trees Picture Ratios (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



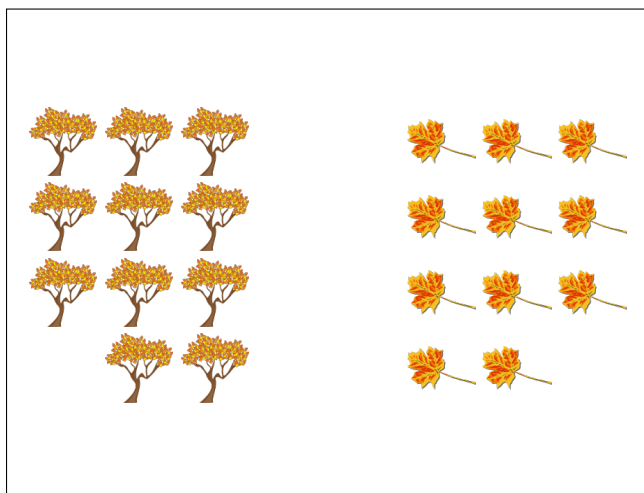
$$\text{leaf} : \text{branch} = 18 : 17$$

$$\text{branch} : (\text{leaf} + \text{branch}) = 17 : 35$$



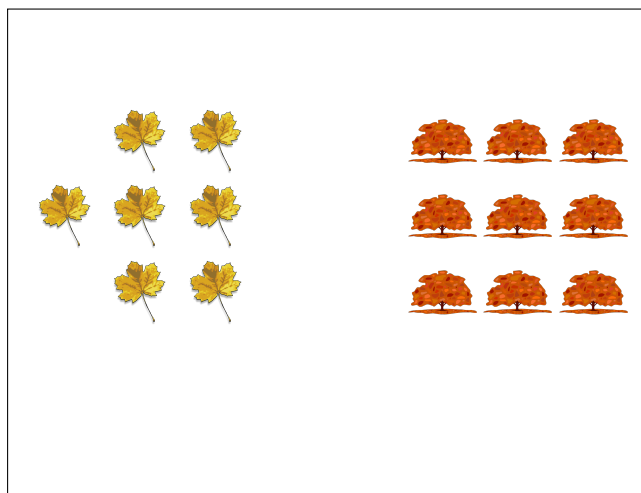
$$\text{acorn} : \text{leaf} = 10 : 22 = 5 : 11$$

$$\text{leaf} : (\text{acorn} + \text{leaf}) = 22 : 32 = 11 : 16$$



$$\text{tree} : \text{leaf} = 11 : 11 = 1 : 1$$

$$\text{leaf} : (\text{tree} + \text{leaf}) = 11 : 22 = 1 : 2$$



$$\text{leaf} : \text{tree} = 7 : 9$$

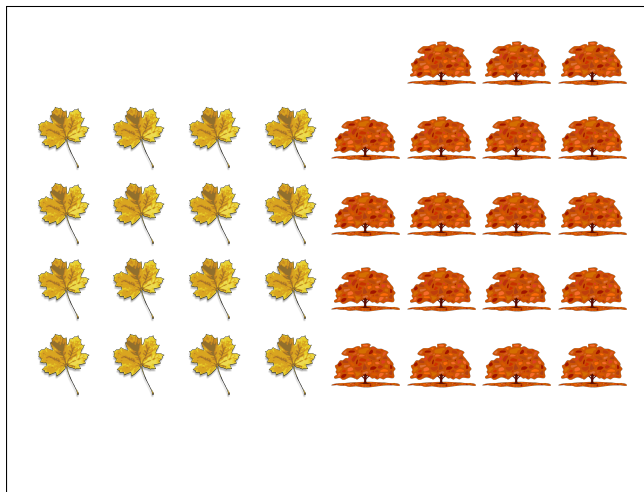
$$\text{tree} : (\text{leaf} + \text{tree}) = 9 : 16$$

# Autumn Trees Picture Ratios (J)

Name: \_\_\_\_\_

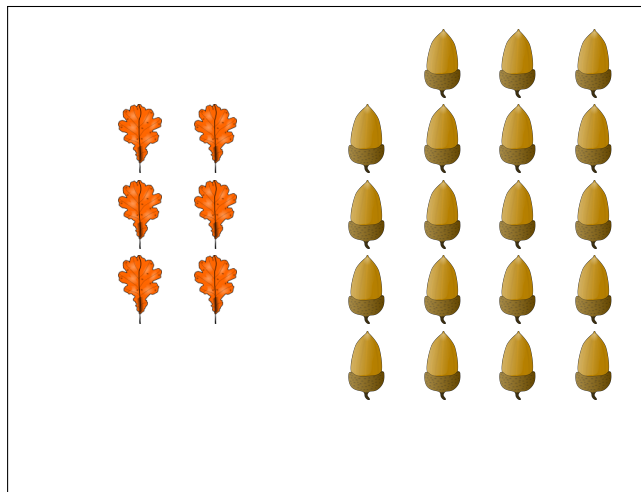
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



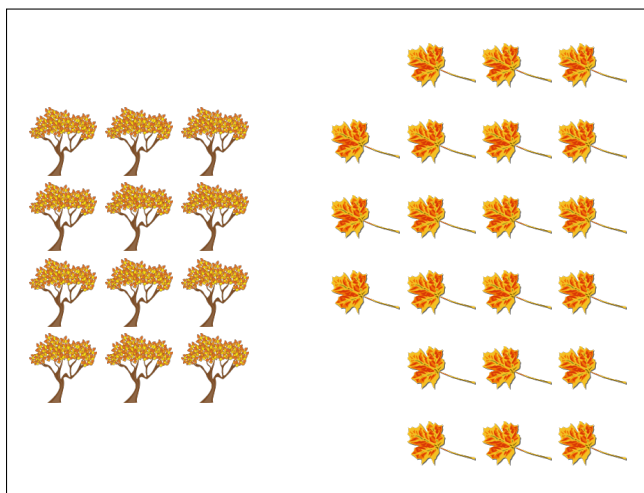
$$\text{leaf} : (\text{tree} + \text{leaf}) =$$

$$\text{tree} : \text{leaf} =$$



$$\text{leaf} : (\text{acorn} + \text{leaf}) =$$

$$\text{acorn} : \text{leaf} =$$



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

$$\text{leaf} : \text{tree} =$$



$$\text{branch} : (\text{leaf} + \text{branch}) =$$

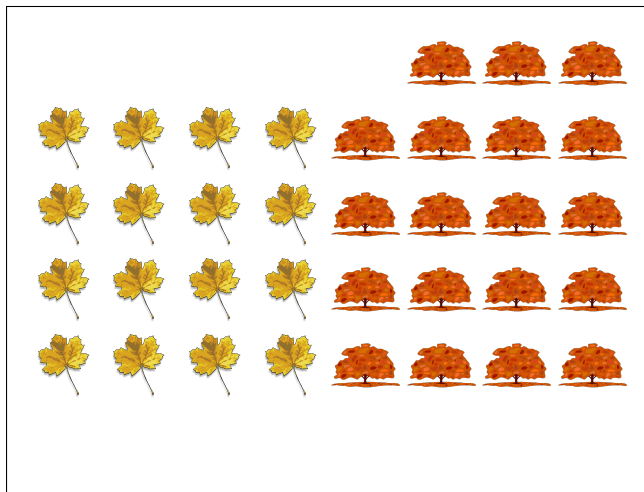
$$\text{leaf} : \text{branch} =$$

# Autumn Trees Picture Ratios (J) Answers

Name: \_\_\_\_\_

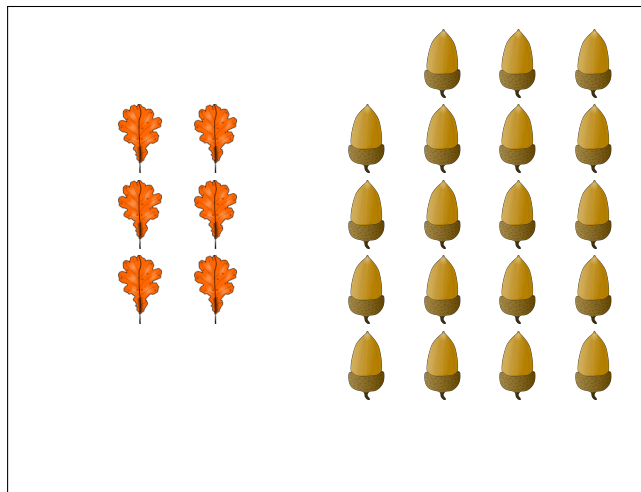
Date: \_\_\_\_\_

Determine each ratio and simplify if necessary.



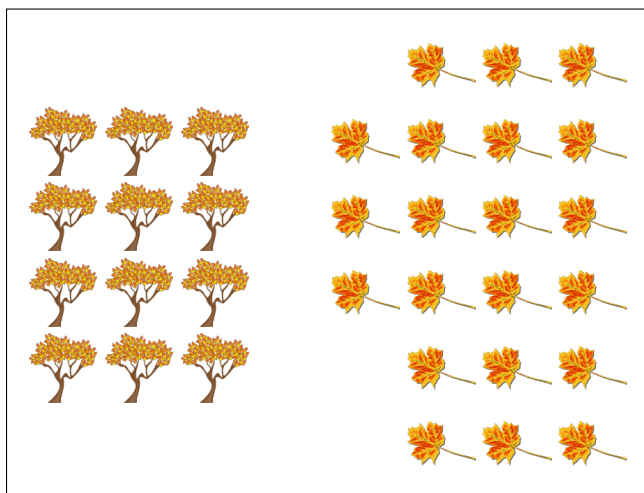
$$\text{leaf} : (\text{tree} + \text{leaf}) = 16 : 35$$

$$\text{tree} : \text{leaf} = 19 : 16$$



$$\text{leaf} : (\text{acorn} + \text{leaf}) = 6 : 25$$

$$\text{acorn} : \text{leaf} = 19 : 6$$



$$\text{tree} : (\text{leaf} + \text{tree}) = 12 : 33 = 4 : 11$$

$$\text{leaf} : \text{tree} = 21 : 12 = 7 : 4$$



$$\text{green leaf} : (\text{orange leaf} + \text{green leaf}) = 24 : 46 = 12 : 23$$

$$\text{orange leaf} : \text{green leaf} = 22 : 24 = 11 : 12$$