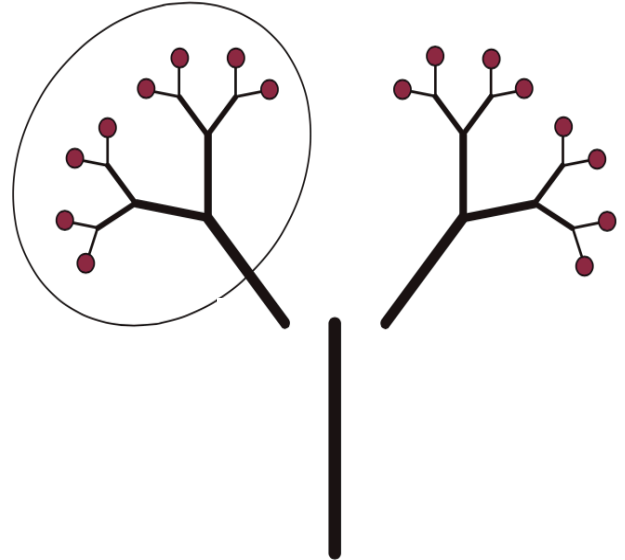


Name: \_\_\_\_\_

### Fraction Tree

5. a. How many apples are there total in the tree to the right?

b. How many apples are in the circled half of the tree to the right?

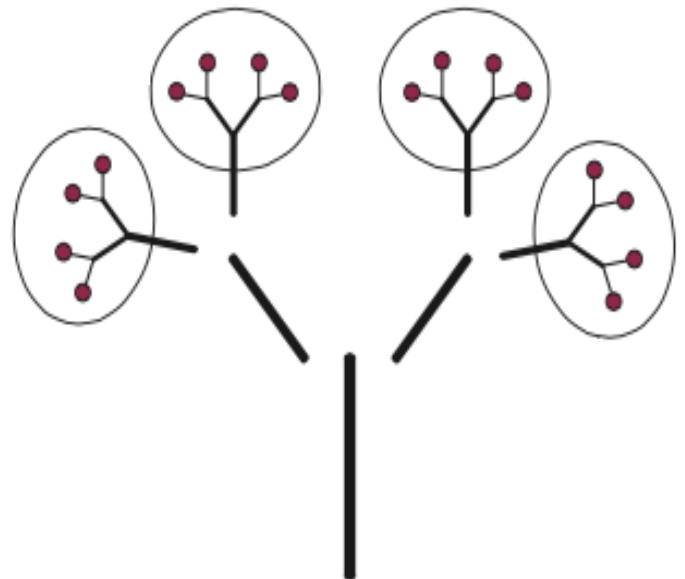


6. What are two different numerical expressions for **half** that can be used to describe the picture to the right?

extra points for a third numerical expression of half (hint: what if you are only working with 8 apples?):

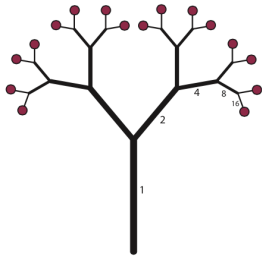
7. a. How many apples are there total in the tree to the right?

b. How many apples are in each circle in the tree to the right?



8. What are two different numerical expressions for a **quarter or one fourth** that can be used to describe the picture to the right?

extra points for a third numerical expression for a quarter (hint: what if you were only working with 8 apples?):



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

### Fraction Tree

9. a. How many apples are there in the tree to the right?

b. How many apples are in each circle?

10. What are two different numerical expressions for a **one eighth** that can be used to describe the picture to the right?

11. What fraction of the tree includes four apples? Start with: how many apples are there total?

$$4 / \underline{\quad} = \underline{\quad} / 8 = \underline{\quad} / 4$$

What are you doing in each step above?

12. What fraction of the tree includes 12 apples?

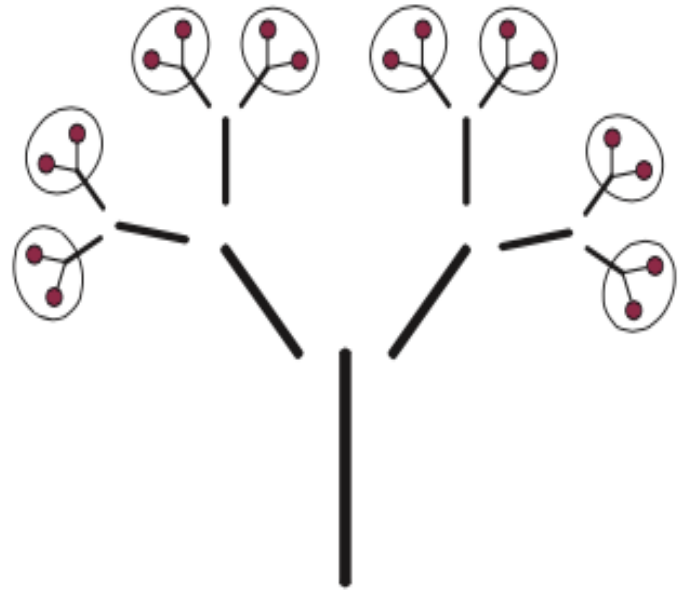
$$12 / \underline{\quad} = \underline{\quad} / 8 = \underline{\quad} / 4$$

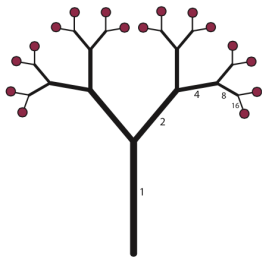
What are you doing in each step above?

13. What fraction of the tree includes 10 apples?

$$10 / \underline{\quad} = \underline{\quad} / 8$$

What math did you just do to get to your answer?





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

### Fraction Tree

14. How many apples are there in one quarter ( $1/4$ ) plus one eighth ( $1/8$ ) of the tree?

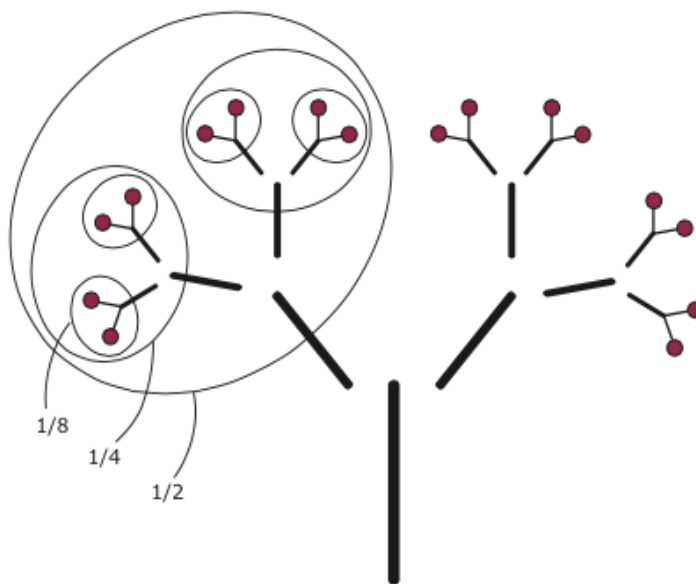
$1/4 + 1/8 = \underline{\quad\quad} /16 + \underline{\quad\quad} /16 = \underline{\quad\quad} /16$        $\underline{\quad\quad}$  apples

15. How many apples are there in half ( $1/2$ ) plus a quarter ( $1/4$ ) of the tree?

$1/2 + 1/4 = \underline{\quad\quad} /16 + \underline{\quad\quad} /16 =$   
 $\underline{\quad\quad} /16$        $\underline{\quad\quad}$  apples

16. How many apples are there in one half ( $1/2$ ) plus one eighth ( $1/8$ ) of the tree?

$1/2 + 1/8 = \underline{\quad\quad} /16 + \underline{\quad\quad} /16 =$   
 $\underline{\quad\quad} /16$        $\underline{\quad\quad}$  apples



17. On the number line below, mark an “A” halfway between 0 and  $16/16$ . ( $1/2 = \underline{\quad\quad} /16$ )

Mark “B” at ten sixteenths ( $10/16$ ). Mark “C” at five sixteenths ( $5/16$ ).

Mark “D” at a quarter. ( $1/4 = \underline{\quad\quad} /16$ )      Mark “E” at one eighth. ( $1/8 = \underline{\quad\quad} /16$ )

Mark “F” at three eighths. ( $3/8 = \underline{\quad\quad} /16$ )      Mark “G” at fifteen sixteenths ( $15/16$ ).

Mark “H” at three fourths. ( $3/4 = \underline{\quad\quad} /16$ )      Mark “I” at 1. ( $1 = \underline{\quad\quad} /16$ )

