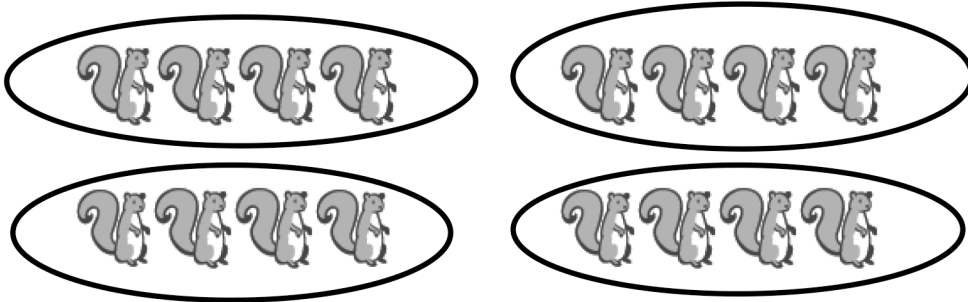


Name \_\_\_\_\_

Date \_\_\_\_\_

1. Write a repeated addition equation to match the picture. Then, group the addends into pairs to show a more efficient way to add.

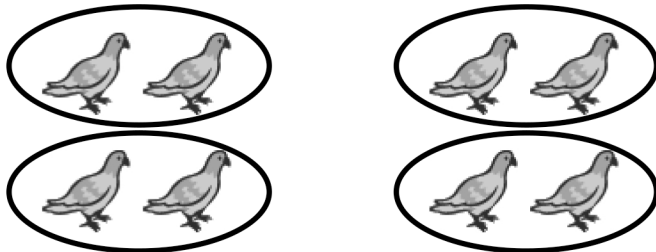
a.



$$\begin{array}{ccccccc} \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \\ \backslash & & / & & \backslash & & / & & \\ \underline{\quad} & & & + & \underline{\quad} & & & = & \underline{\quad} \end{array}$$

4 groups of \_\_\_\_\_ = 2 groups of \_\_\_\_\_

b.



$$\begin{array}{ccccccc} \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \\ & & & + & & & & = & \underline{\quad} \end{array}$$

4 groups of \_\_\_\_\_ = 2 groups of \_\_\_\_\_



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4 groups of \_\_\_\_\_ = 2 groups of \_\_\_\_\_

2. Write a repeated addition equation to match the picture. Then, group addends into pairs, and add to find the total.



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + 3 = \_\_\_\_\_

\_\_\_\_\_ + 3 = \_\_\_\_\_



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + 2 = \_\_\_\_\_

\_\_\_\_\_ + 2 = \_\_\_\_\_

## Answer Key

1. a. 4, 4, 4, 4, 16  
8, 8, 16  
4, 8
- b. 2, 2, 2, 2, 8  
4, 4, 8  
2, 4
- c. 5, 5, 5, 5, 20  
10, 10, 20  
5, 10

2. a. 3, 3, 3, 3, 3, 15  
6, 6, 15  
12, 15
- b. 2, 2,, 2, 2, 2, 10  
4, 4, 10  
8, 10