

Let's Go Fishing

Most families in Alaska rely on Salmon fish as a significant food source. So join us at fish camps as we calculate the number and types of fish caught at this year's Fish Camps. We will use colored candy to represent the five types of fish your family might see. First, list what colored candy will represent each type of Salmon, then make a tally mark as you go fishing:

Salmon	Candy Color	Tally Marks I = 1, IIII = 5
Chum		
Sockeye		
King		
Silver		
Pink		

Total Fish Caught: _____

Salmon	Total	Fraction of Total	Simplify
Chum			
Sockeye			
King			
Silver			
Pink			

Order your fractions from smallest to largest:

	Least Number of Fish Caught				Most Fish Caught
Simplified Fraction					
Fraction					
Fish					

Combine the following fish and represent them as a fraction of the total number of fish caught. (Hint: use original fractions, not the simplified fraction)

Bonus: What chapter would you look to review adding Fractions? _____

Chum	Sockey	Total	Simplified

Write a sentence to describe what this is telling you about the fish caught:

King	Silver	Total	Simplified

Write a sentence to describe what this is telling you about the fish caught:

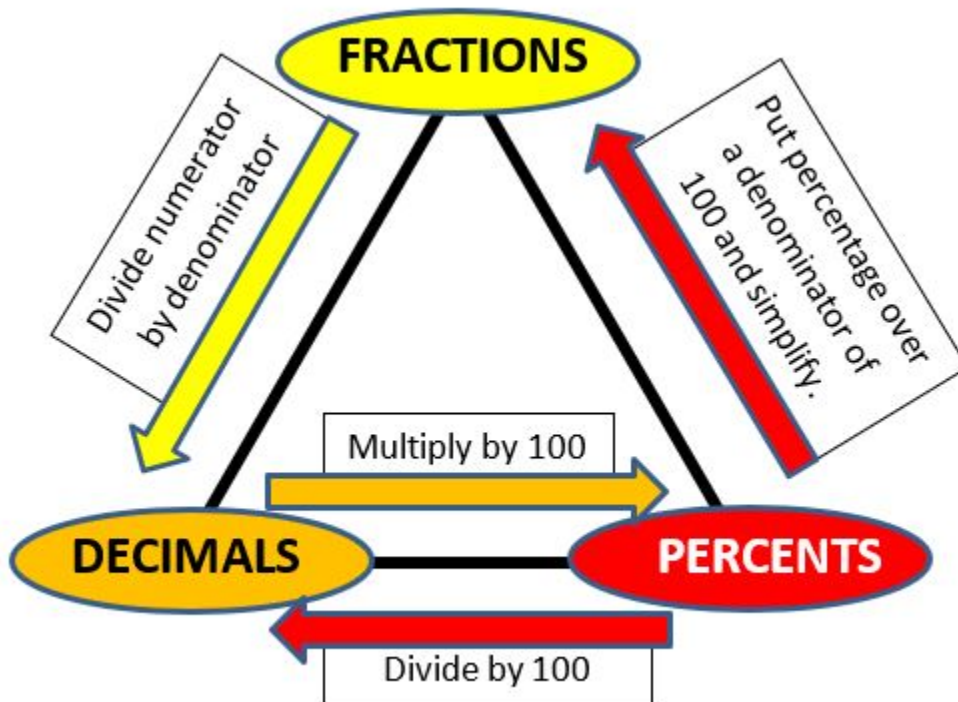
Pink	Sockey	Total	Simplified

Write a sentence to describe what this is telling you about the fish caught:

Explain the hint - Hint: use original fractions, not the simplified fraction

Fractions, Decimals, & Percentages

	Candy Color	Total	Fraction	Decimal	Percentage
Chum					
Sockeye					
King					
Silver					
Pink					



Mean, Median, Mode & Range:

Fish	Chum	Sockeye	King	Silver	Pink
Total:					

MEAN - add the total of each fish caught and divide by the total number of types of fish caught (5):

Chum		Sockeye		King		Silver		Pink			Divide by 5	Mean
	+		+		+		+		=		Total / 5	

Which type of fish did you catch close to the mean? _____

MEDIAN - Order the number of fish caught from smallest to largest:

Fish					
Total:					

What is the Median?

Did you have a **MODE**? _____

If Yes, which types of fish? _____ & _____

If No, why not? _____

RANGE - Subtract the smallest number (fewest fish caught) from the largest number (most fish caught)

What is the Range? _____

Whole Village Mean, Median, Mode & Range:

Combine your numbers with your "classmates" to represent the fish caught by the whole village:

Fish	Chum	Sockeye	King	Silver	Pink
Total:					

MEAN - add the total of each fish caught and divide by the total number of types of fish caught (5):

Chum		Sockeye		King		Silver		Pink			Divide by 5	Mean
	+		+		+		+		=		Total / 5	

Which type of fish did you catch close to the mean? _____

MEDIAN - Order the number of fish caught from smallest to largest:

Fish					
Total:					

What is the Median? _____

Did you have a **MODE**? _____

If Yes, which types of fish? _____ & _____

If No, why not? _____

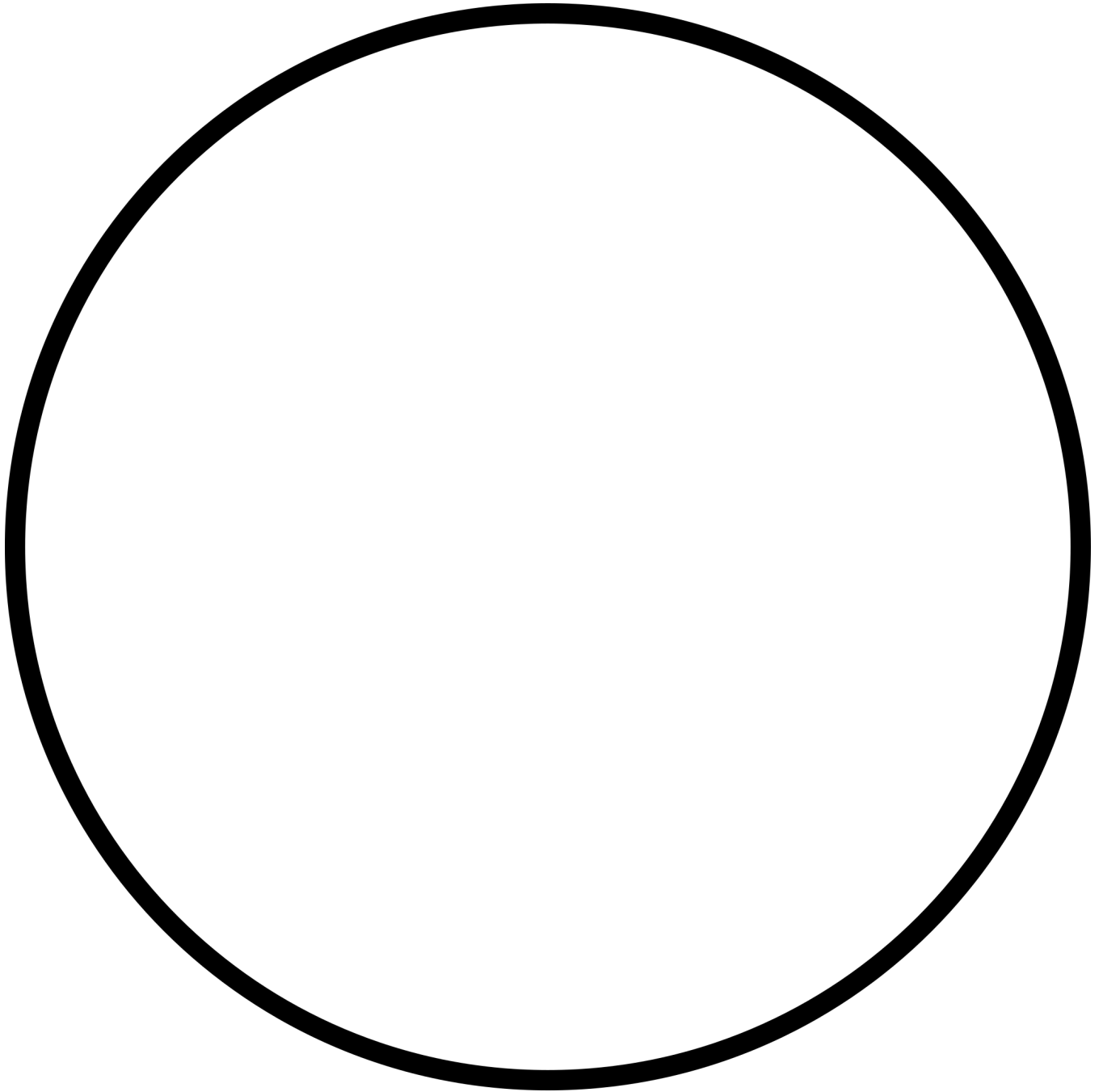
RANGE - Subtract the smallest number (fewest fish caught) from the largest number (most fish caught)

What is the Range? _____

Write a short paragraph about what you observed between your individual results and the results of the village:

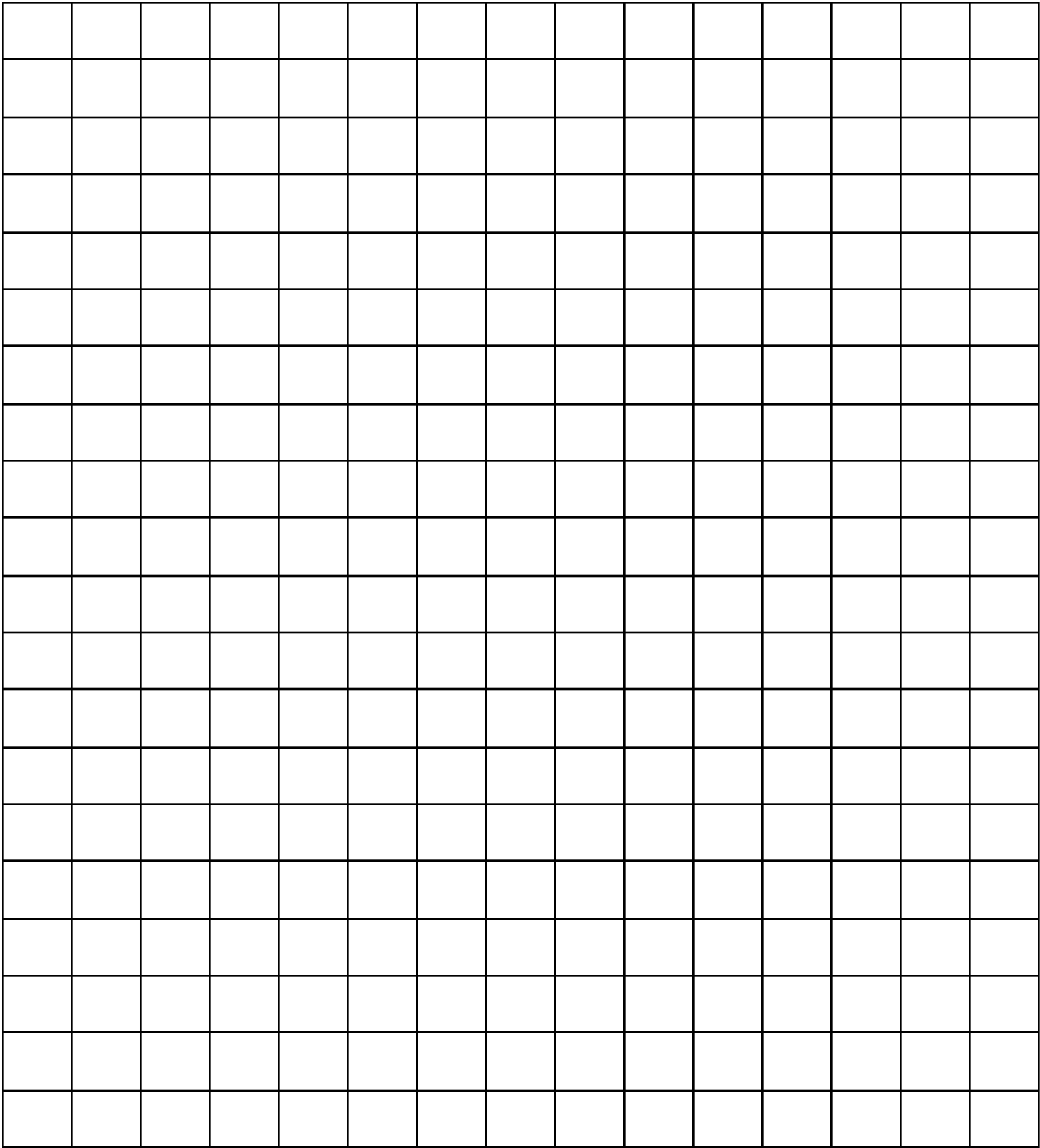
Displaying Your Data:

Create a pie chart using your data on the number of fish you caught; remember to label it.



Displaying Your Data:

Using your data and two classmates' data on how many fish each of you caught, create a bar graph; don't forget to label it.



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Write a summary of what you have concluded from your data analysis: