

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

SHOW ALL WORK!!

PART 1: Find the percent of the total and central angle for each flavor of ice cream.

Bubble Gum

Percent of Total \_\_\_\_\_

Central Angle \_\_\_\_\_

Chocolate

Percent of Total \_\_\_\_\_

Central Angle \_\_\_\_\_

Cookie Dough

Percent of Total \_\_\_\_\_

Central Angle \_\_\_\_\_

Rocky Road

Percent of Total \_\_\_\_\_

Central Angle \_\_\_\_\_

Vanilla

Percent of Total \_\_\_\_\_

Central Angle \_\_\_\_\_

TOTAL \_\_\_\_\_

Percent of Total \_\_\_\_\_

Central Angle \_\_\_\_\_

FAVORITE ICE CREAM FLAVORS	NUMBER OF STUDENTS	PERCENT OF TOTAL	CENTRAL ANGLE
Bubble Gum	1	B_____	K_____
Chocolate	5	L_____	E_____
Cookie Dough	4	T_____	T_____
Rocky Road	3	H_____	I_____
Vanilla	7	O_____	L_____
TOTAL	S_____	I_____	Y_____

PART 2: Using the central angles above, find the slice of the circle that matches with each flavor of ice cream. Write the letter of the slice next to the flavor.

Bubble Gum \_\_\_\_\_

Chocolate \_\_\_\_\_

Cookie Dough \_\_\_\_\_

Rocky Road \_\_\_\_\_

Vanilla \_\_\_\_\_

Name: \_\_\_\_\_ Answer Key \_\_\_\_\_

SHOW ALL WORK!!

PART 1: Find the percent of the total and central angle for each flavor of ice cream.

Bubble Gum

Percent of Total 5%

Central Angle 18°

Chocolate

Percent of Total 25%

Central Angle 90°

Cookie Dough

Percent of Total 20%

Central Angle 72°

Rocky Road

Percent of Total 15%

Central Angle 54°

Vanilla

Percent of Total 35%

Central Angle 126°

TOTAL 20

Percent of Total 100%

Central Angle 360°

FAVORITE ICE CREAM FLAVORS	NUMBER OF STUDENTS	PERCENT OF TOTAL	CENTRAL ANGLE
Bubble Gum	1	B____	K____
Chocolate	5	L____	E____
Cookie Dough	4	T____	T____
Rocky Road	3	H____	I____
Vanilla	7	O____	L____
TOTAL	S____	I____	Y____

PART 2: Using the central angles above, find the slice of the circle that matches with each flavor of ice cream. Write the letter of the slice next to the flavor.

Bubble Gum E

Chocolate O

Cookie Dough T

Rocky Road P

Vanilla H