











1. A. Which set of tally marks shows the number of trumpets in the picture graph?











Favorite Instrument						
 Piano						
 Trumpet						

- (A) II
 (B) III
 (C) IIII
 (D) IIII

B. How many more trumpets need to be added to have more trumpets than pianos?

- (A) 4
 (B) 3
 (C) 2
 (D) 1

2. Use the picture graph to answer the questions.

Trees Growing in Carver Park						
 Maple						
 Oak						

A. Which of the following statements are true?




Choose three that apply.

- There are 4 more maple trees than oak trees.
- There are 2 more oak trees than maple trees.
- There are more maple trees.
- There are 4 fewer oak trees than maple trees.
- There are 10 total trees.

B. A third tree gets added. There are 3 birch trees.
 How many more maple trees are there than birch trees?
 Write an equation to explain your answer.

Use the tally chart to solve each problem below.








3. Our Favorite Shapes

 Square	 Diamond	 Circle
IIII	IIII III	IIII I

A. Mandy asks her friends a survey question.
Which is their favorite shape?

B. How many more tally marks does square need to have the most tally marks? Use an equation to explain your answer.

4. A. Use the tally chart from Item 3 to complete the picture graph below.










Our Favorite Shapes								
 Square								
 Diamond								
 Circle								

B. How many friends took the survey?
Write an equation to show your work.

___  ___  ___ = ___

___ friends

1. **A.** Which set of tally marks shows the number of trumpets in the picture graph? **1 point**










Favorite Instrument						
	Piano					
	Trumpet					

- Ⓐ II Ⓑ III Ⓒ IIII Ⓓ III

B. How many more trumpets need to be added to have more trumpets than pianos? **1 point**

- Ⓐ 4 Ⓑ 3 Ⓒ 2 Ⓓ 1

2. Use the picture graph to answer the questions.

Trees Growing in Carver Park						
	Maple					
	Oak					

A. Which of the following statements are true?

Choose three that apply. **1 point**




- There are 4 more maple trees than oak trees.
- There are 2 more oak trees than maple trees.
- There are more maple trees.
- There are 4 fewer oak trees than maple trees.
- There are 10 total trees.

B. A third tree gets added. There are 3 birch trees.
How many more maple trees are there than birch trees?
Write an equation to explain your answer. **2 points**

3; Sample answer: $6 - 3 = 3$

Use the tally chart to solve each problem below.

3. **Our Favorite Shapes**

 Square	 Diamond	 Circle
IIII	IIII III	IIII I

A. Mandy asks her friends a survey question.






















Which is their favorite shape? 1 point

Diamond

B. How many more tally marks does square need to have the most tally marks? Use an equation to explain your answer. 2 points

5; Sample answer: $4 + 5 = 9$

4. A. Use the tally chart from Item 3 to complete the picture graph below. 1 point

Our Favorite Shapes								
 Square								
 Diamond								
 Circle								

B. How many friends took the survey?

Write an equation to show your work. 2 points

$$\underline{4} \oplus \underline{8} \oplus \underline{6} = \underline{18}$$

18 friends

Order of addends may vary.