

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

Grade: 6

## Mathematics Application Types of Graphs Homework #4

**Total Marks: 21**

Read all word problems carefully, then solve. Show ALL necessary working in the rough work column.

1. Use the information from the table to answer questions 1a, 1b and 1c.

Jan's Shopping List		
Household Cleaning Supplies		
Items Needed	Amount	Cost
Olive Oil	2 bottles	\$14.75 per bottle
Wesson Oil	4 bottles	\$5.99 per bottle
Corn Oil	1 bottle	\$7.89 per bottle

(a) How much was spent in total?

Answer: \_\_\_\_\_ (2)

(b) How much more money was paid for the Olive Oil than the Wesson Oil?

Answer: \_\_\_\_\_ (3)

(c) How many bottles of Corn Oil can \$118.35 purchase?

Answer: \_\_\_\_\_ (2)

2. The graph below shows the temperatures in New York over the past week. Use the data shown to answer questions 2a, 2b, and 2c.



(a) What type of graph is shown?

Answer: \_\_\_\_\_ (1)

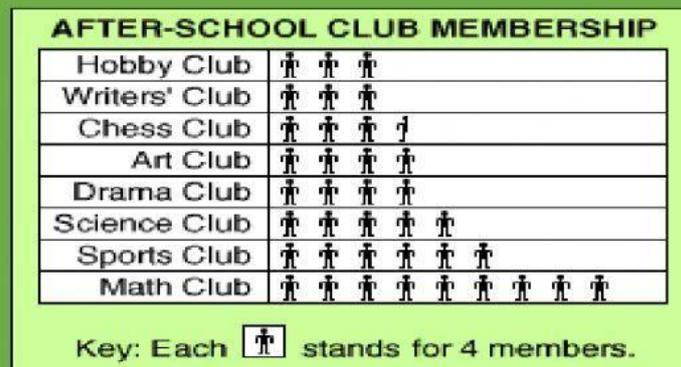
(b) What is the difference in temperatures for Monday and Thursday?

Answer: \_\_\_\_\_ (2)

(c) Which **TWO** days have a sum of forty-eight degrees Celsius?

Answer: \_\_\_\_\_ (2)

3. The graph below shows the number of members enrolled in After-School Clubs. Use the data to solve questions 3a, 3b, 3c, and 3d.



(a) What type of graph is shown?

Answer: \_\_\_\_\_ (1)

(b) What is the total enrollment for the 8 clubs?

Answer: \_\_\_\_\_ (2)

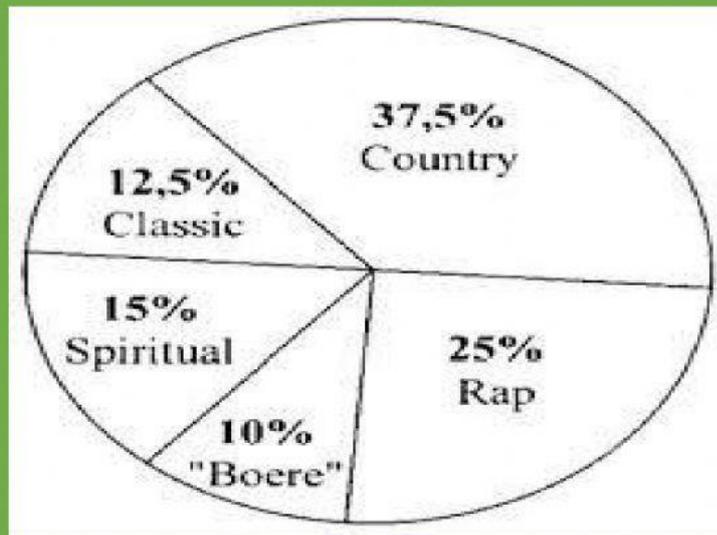
(c) How many members are enrolled in the Chess and Math Clubs?

Answer: \_\_\_\_\_ (1)

(d) Which **TWO** clubs have a sum of 32?

Answer: \_\_\_\_\_ and \_\_\_\_\_ (2)

4. The Pie Graph represents the favorite music of 20 sixth graders at Summerville Primary School. Use it to answer questions 4a and 4b.



(a) Which is the students' favorite music? \_\_\_\_\_ (1)

- (b) Fifteen percent of the students like spiritual music.  
15% represents how many students?

Answer: \_\_\_\_\_ (2)

**PLEASE GO BACK AND CHECK YOUR WORK BEFORE CLICKING FINISH.**