VALENTINE'S DAY PICTOGRAPH

1. Count the candy hearts in your bag.

2. Create a pictograph showing how many hearts of each color you have.

3. Use the data on your pictograph to complete each of the math tasks.

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5TH GRADE MATH

VALENTINE'S DAY math printables
4TH GRADE MATH

ABOUT THE RESOURCE

Looking for a fun way to integrate Valentine's Day into math this year? Have students create a pictograph with conversation hearts, then solve grade-level math problems with the data they collected.

I have also included optional covers for zipper-seal bags so you can assemble the hearts ahead of the activity. They can be found on page 4.

Procedure:
- Distribute conversation hearts to each student (or group of students).
- Have students create their pictograph using the graphing template on page 5.
- Have students solve the follow-up math problems (using the included worksheet or task cards).
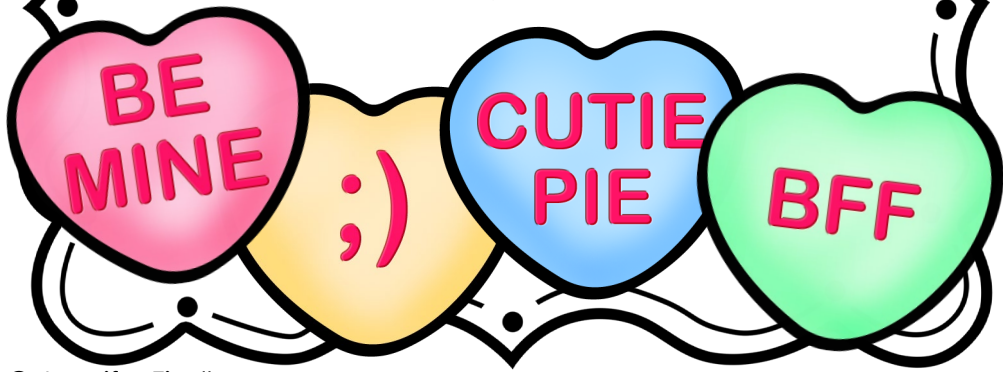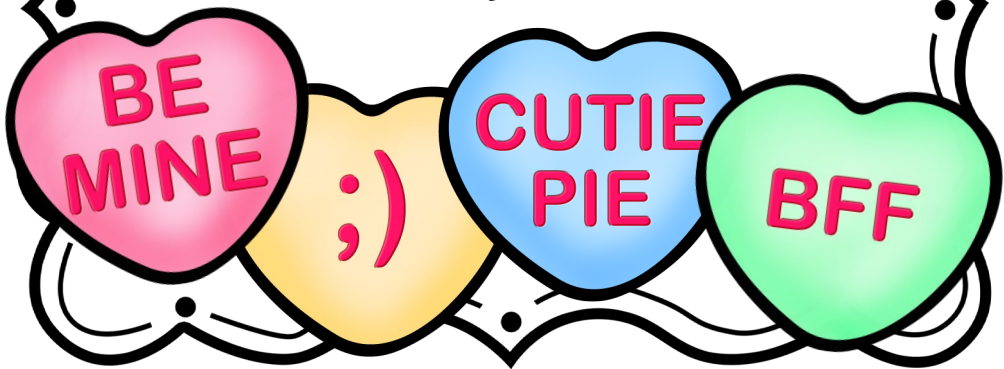
VALENTINE'S DAY HEARTS

BE MINE ;) CUTIE PIE BFF
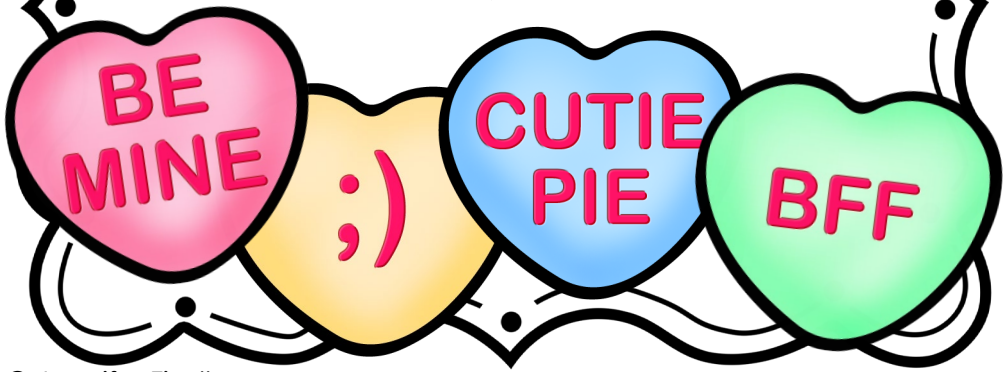
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VALENTINE'S DAY PICTOGRAPH
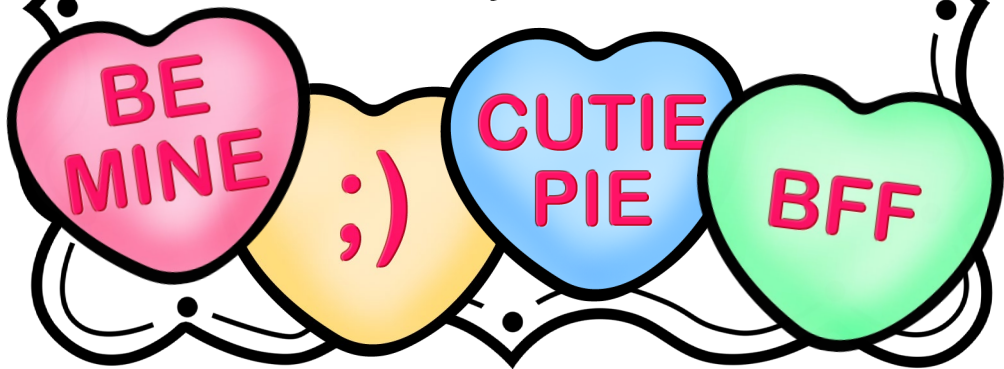
Name _____ **Date** _____

VALENTINE'S DAY PICTOGRAPH

Directions: Solve the problems below based on the pictograph you created with your hearts.

1. Multiply the number of green hearts by 45.

2. Write the number of yellow hearts and pink hearts as a fraction, then write 3 equivalent fractions.

3. Add the number of pink and blue hearts, then double it.

4. Triple the number of yellow hearts, then subtract the number of green hearts.

5. Compare the number of pink hearts to green hearts using <, >, =.

6. Multiply the number of blue hearts by 32.

7. Add the number of yellow and blue hearts then subtract the total from 100.

8. Write a decimal with the number of green hearts in the tenths place.

9. Write a 3-digit number using the following: number of pink hearts in hundreds place; number of yellow hearts in tens place; and number of blue hearts in ones place.

10. Multiply the number of pink hearts by 21.

11. Double the number of blue hearts, then add the number of green hearts.

12. Determine if the total number of hearts is divisible by the following numbers: 2, 3, and 5. If the number is divisible by the number, solve the division equation.

TASK #1

Multiply the number of green hearts by 45.

TASK #2

Write the number of yellow hearts and pink hearts as a fraction, then write 3 equivalent fractions.

TASK #3

Add the number of pink and blue hearts, then double it.

TASK #4

Triple the number of yellow hearts, then subtract the number of green hearts.

TASK #5

Compare the number of pink hearts to green hearts using <, >, =.

TASK #6

Multiply the number of blue hearts by 32.

TASK #7

Add the number of yellow and blue hearts then subtract the total from 100.

TASK #8

Write a decimal with the number of green hearts in the tenths place.

TASK #9

Write a 3-digit number using the following:

- # of pink hearts in hundreds place
- # of yellow hearts in tens place
- # of blue hearts in ones place

TASK #10

Multiply the number of pink hearts by 21.

TASK #11

Double the number of blue hearts, then add the number of green hearts.

TASK #12

Determine if the total number of hearts is divisible by the following numbers. If so, solve them.

- ❑ 2
- ❑ 3
- ❑ 5

VALENTINE'S DAY PICTOGRAPH TASKS

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	12.

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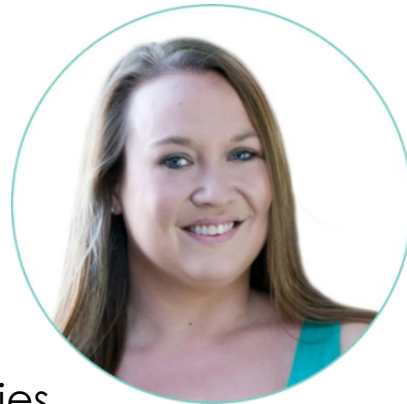
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Thanks!
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