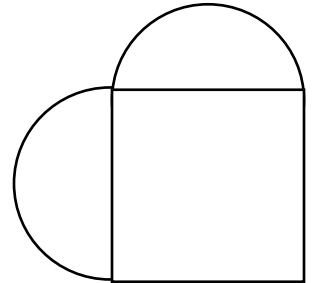


_____ is loved + important!!!!

Happy + Happy Mathentine's Day!!! Let's Celemathbrate favorite things!!!!

Part A

1. In $\sqrt{4}$ adjacent squares draw a set of perpendicular lines.
2. In the squares that are left,
 - write your favorite number, mathliciously of course.
 - Write your favorite place to visit
 - Write your favorite ice cream
 - Write your favorite piece of clothing



Part B

3. Using cm, measure the side of the square face. _____
4. Area of one square _____
5. How can you compute the surface area of the cube? _____
6. Surface area of the cube. _____

Part C

7. What part of the circle needs to be congruent to the edge of the cube? _____
8. Draw two circles each with a radius of _____ and diameter of _____
9. Compute area _____ total circle area _____
Compute circumference _____
10. Fold on the diameter. How many halves do you have? _____
11. On each half, write
 - Your favorite store
 - Your favorite restaurant
 - Favorite dessert
 - favorite color

12. Where do you need to attach the semi circles? _____

Part D

13. What shape do you need to create to complete the heart? _____

14. _____ dimensions _____ and _____

15. The length of the _____ is congruent to the _____ of the circle.

16. What 3-D figure do your two circles and _____ create?

17. How would you compute the surface area of your heart?

Heart surface area _____

May the love of MATH fill your heart!!

Happy + Happy Mathentine's day!!!!