## Math Concepts Problem Set 14 Name Assigned Thursday 12/14, due Friday 1/10/20 (Three weeks due to Winter Break) No Work Shown, No Credit Given Period Problems #1-#9 can be completed on this paper. The work for #10-#14 needs to be attached on a separate piece of paper.



**4.** Solve the number puzzles below.

- a) If Kendra adds 9 to her number, she gets 6. What is her number?
- **b**) If Brad starts at -5 on a number line and ends up at -8, then many units did he move?
- c) If I moved up 8 and then moved down 8, what can you tell me about my ending position?

**5.** Plot the following points: (0, 0), (1, 3), (5, 3), and (4, 0). Connect your points. What is the name of your shape?

6. Complete Dylan's ratio table.







21 cm