

Week 6 Project Assignment

Due: October 5, 2011

Name: _____

Date: _____

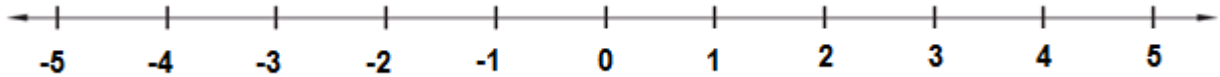
Please complete all your work (including all steps) on a separate sheet of paper and use this page as coversheet.

Ms EAPEN Period: _____

Q1] Where do they go ...

Using a number line explain why the following is true

- a) $4 > 2$ b) $-4 < -2$ c) $2 < 4$



Explain your thinking.

Q2] Bigger or Smaller ...

Fill in the blanks with the appropriate inequality (> or <)

- a) 7 _____ 5 b) 16 _____ 21 c) -9 _____ -4 d) -16 _____ -21

Q3] Multiplying both sides by -1 ...

You start off with the following inequality

$$4 > 2$$

Now multiply both sides of the inequality by -1 and you get the following inequality

$$-4 < -2$$

Did the inequality sign change? _____

Why did the inequality sign change when you multiply by -1?