Honors Geometry Summer Required Work 2018

The following packet is being given as a review of topics from Algebra I and Geometry. These are necessary skills for success in Honors Geometry. Your packet will be collected during the first week of school. It will be graded on completeness and correctness. Please use a pencil and make sure to show relevant work. You will lose points if you fail to show the required work to reach the correct answer.

Please do not wait until the last day of vacation to get started! On the other hand, do not attempt to complete the packet during the first week of vacation. This packet is designed to maintain your current knowledge of algebra over the summer so that the topics discussed in the fall will be fresh in your mind.

If you are having difficulties with the packet, feel free to search the internet for help on certain topics. Also, it may be beneficial to work with others. Have an enjoyable summer! I look forward to working with you this fall.

Honors Geometry
Summer Work

Directions:

Create 3 column notes page with: "Word", "Picture", and "Definition" as headers.

*Point	*Perpendicular Lines
*Line	*Transversal
*Plane	*Corresponding Angles
*Angle	*Alternate Interior Angles
*Acute Angle	*Same Side Interior Angles
*Right Angle	*Adjacent Angles
*Obtuse Angle	*Vertical Angles
*Straight Angle	*Complimentary Angles
*Parallel Lines	*Supplementary Angles

Directions:

Solve each equation and write your answer on the line provided.

$4(x - 2) = -24$ x = _____ $6(x - 1) = -18$ x = _____

$3x - 5 = 6x + 19$ x = _____ $2x + 8 = 7x - 22$ x = _____

$2x + 5x - 1 = 22$ x = _____ $5x - 4x + 13 = 27$ x = _____

$4x + -9 - x = 7x + 6 - 5x$ x = _____ $4x + 12 + 3x = 5x + 4x - 4$ x = _____

$\dfrac{4}{3} = \dfrac{20}{x}$ x = _____ $\dfrac{x}{5} = \dfrac{12}{35}$ x = _____