4th Grade Math GEOMETRY Homework Project Menu

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| Illustrate a self-portrait of yourself that is perfectly  symmetrical. Use a mirror and a ruler to  make sure the line of  symmetry is perfect. Color  your illustration. | Choose two animals to  illustrate. Each animal should be  featured on an 8” x 11” paper.  One animal should be drawn  using only acute angles, one  animal should be drawn using  only obtuse angles. | Write a rhyming  poem with four stanzas.  Each stanza should explain  the meaning of a geometric  feature listed below:  Right Angles  Obtuse Angles  Acute Angles  Symmetry  Include an illustration for your  poem. |
| Design a  “dream clubhouse”  Illustrate a plan  that includes the following geometric features:  \*three sets of perpendicular  lines  \*four sets of parallel lines  \*four right angles  \* six acute angles  \*six obtuse angels | Create a  “Guide to Shapes”  brochure. In the brochure  include at least twelve  different geometric shapes. | Create an “ABC Book” of  symmetrical figures in which  you find a symmetrical object  that starts with every letter of  the alphabet. Write a  sentence and illustration for  each letter. |