Dilation And Scale Factor Worksheet Pdf

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Included here are umpteen printable worksheets to help 8th grade and high school students hone in on finding the scale factor, identifying the dilation type, determining the new coordinates and . Practice Quiz 7 Unit 2: Dilations and Similarity Name_____ Date_____ Period_____ Multiple Choice ____ 1. Which of the following describes the image of a square after a dilation that has . May 7, · Graph the dilated image of triangle XYZ using a scale factor of and (0,0) as the center of dilation. -8 -7 -6 -5 Graph the dilated image of quadrilateral MNOP using a scale . Included here are umpteen printable worksheets to help 8th grade and high school students hone in on finding the scale factor, identifying the dilation type, determining the new coordinates and drawing the dilated shapes with the center as origin. M1-T2-L1 HW: Dilations Practice. Dilate each triangle using P as the center of dilation and the given scale factor. Steps: 1. Draw a straight line from the center of dilation to each original point. Measure this distance. 2. Multiply the distance found in step 1 by the given scale factor. (if the scale factor is a fraction. Draw a dilation of the polygon with the given vertices using the given scale factor. Plot the ordered pairs on the coordinate plane AND the dilation. A(-2, 1), B(-4, 1), C(-2, 4); k = 2 A(-5, 5), B(-5, 10), C(10, 0); k = 3/5 Determine whether the dilation from Figure A to Figure B is a reduction or an enlargement. Then, find the values of. Draw a dilation of the polygon with the given vertices using the given scale factor. Plot the ordered pairs on the coordinate plane AND the dilation. A(-2, 1), B(-4, 1), C(-2, 4); k = 2 A(-5, 5), B(-5, 10), C(10, 0); k = 3/5 Determine whether the dilation from Figure A to Figure B is a reduction or an enlargement. Then, find the values of. M1-T2-L1 HW: Dilations Practice. Dilate each triangle using P as the center of dilation and the given scale factor. Steps: 1. Draw a straight line from the center of dilation to each original point. Measure this distance. 2. Multiply the distance found in step 1 by the given scale factor. (if the scale factor is a fraction. Chapter 1: Understanding Dilations: Defining dilations, center of dilation, scale factor. Types of dilations (enlargements and reductions). Chapter 2: Calculating Dilations: Methods for finding the coordinates of dilated points. Working with different coordinate systems.