Homework: Use Graph paper to complete the following

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Fo	r each problem below:	Translations Homework
a) b)	Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation	e in another color.
1.	DSTU with S(1, 2), T(4, 3), and U(5, -3); translate left 4 and up 3.	
2.	Parallelogram ABCD with A(-4, -3), B(-1, 4), C(5, 6) and D(2, -1); transl down 4.	ate right 2 and
3.	Rectangle PQRS with P(4, 0), Q(3, -3), R(-3, -1) and S(-2, 2); translate le	eft 2 and up 1.
4.	Parallelogram RSTU with R(-4, -2), S(-3, 1), T(3, 4) and U(2, 1); transla	te right 4 and down 3.
5.	DKLM with K(1, -3), L(4, 1), and M(7, 2); translate left 5.	
Fo	or each problem below:	Reflections Homework
Fo a) b)	or each problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation	Reflections Homework e in another color.
Fo a) b) 1.	or each problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation DABC with A(-3, 2), B(-1, 3), and C(1, 0); reflection in the x-axis.	Reflections Homework e in another color.
Fo a) b) 1 .	or each problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation DABC with A(-3, 2), B(-1, 3), and C(1, 0); reflection in the x-axis.	Reflections Homework e in another color.
Fo a) b) 1. 2.	Dr each problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation DABC with A(-3, 2), B(-1, 3), and C(1, 0); reflection in the x-axis. DXYZ with X(2, -1), Y(4, -3), and Z(-2, 1); reflection in the y-axis.	Reflections Homework e in another color.
Fo a) b) 1. 2.	Dr each problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation DABC with A(-3, 2), B(-1, 3), and C(1, 0); reflection in the x-axis. DXYZ with X(2, -1), Y(4, -3), and Z(-2, 1); reflection in the y-axis.	Reflections Homework e in another color.
Fo a) b) 1. 2. 3.	Der each problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation DABC with A(-3, 2), B(-1, 3), and C(1, 0); reflection in the x-axis. DXYZ with X(2, -1), Y(4, -3), and Z(-2, 1); reflection in the y-axis. DABC with A(3, 4), B(-1, 0), and C(-2, 4); reflection in the line $y = x$.	Reflections Homework e in another color.
Fo a) b) 1. 2. 3.	The problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation DABC with A(-3, 2), B(-1, 3), and C(1, 0); reflection in the x-axis. DXYZ with X(2, -1), Y(4, -3), and Z(-2, 1); reflection in the y-axis. DABC with A(3, 4), B(-1, 0), and C(-2, 4); reflection in the line $y = x$.	Reflections Homework e in another color.
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Fo a) b) 1. 2. 3.	 br each problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation DABC with A(-3, 2), B(-1, 3), and C(1, 0); reflection in the x-axis. DXYZ with X(2, -1), Y(4, -3), and Z(-2, 1); reflection in the y-axis. DABC with A(3, 4), B(-1, 0), and C(-2, 4); reflection in the line y = x. Parallelogram RSTU with R(-3, 2), S(3, 2), T(5, -1) and U(-1, -1); reflection 	Reflections Homework e in another color. ection in the line y = x.
Fo a) b) 1. 2. 3. 4. 5.	 br each problem below: Use graph paper to graph the pre- image in one color and the image Write the algebraic (arrow) rule for the given transformation DABC with A(-3, 2), B(-1, 3), and C(1, 0); reflection in the x-axis. DXYZ with X(2, -1), Y(4, -3), and Z(-2, 1); reflection in the y-axis. DABC with A(3, 4), B(-1, 0), and C(-2, 4); reflection in the line y = x. Parallelogram RSTU with R(-3, 2), S(3, 2), T(5, -1) and U(-1, -1); reflection Given DMNP with M(2, 3), N(-1, 2), and P(1, -1). a) Create DM'N'P' by reflecting DMNP in the y-axis. b) Create DM''N''P'' by reflecting DM'N'P' in the line y = x. 	Reflections Homework e in another color. ection in the line y = x.

Reflections Homework For each problem below: Use graph paper to graph the pre- image in one color and the image in another color. a) Write the algebraic (arrow) rule for the given transformation b) Triangle RST with R(-2, 0), S(-3, 4), and T(3, 2); rotate 90° counterclockwise. 1. Parallelogram LMNP with L(3, 4), M(7, 4), N(9, -3) and P(5, -3); rotate 180° clockwise. 2. Quadrilateral PSTU with P(-3, 5), S(2, 6), T(8, 1) and U(-6, -4); rotate 270° counterclockwise. 3. Parallelogram EFGH with E(-5, -4), F(-3, -1), G(5, -1) and H(3, -4); rotate 90° clockwise. 4. **Dilations Homework** For each problem below: Use graph paper to graph the pre- image in one color and the image in another color. a) b) Write the algebraic (arrow) rule for the given transformation Actually write out the coordinate points for each! Estimate any decimals on your graph (when graphing) C) Triangle STU with S(1, 2), T(4, 3), and U(5, -3); dilate with scale factor r = 2. 1. Triangle KLM with K(1, -3), L(6, 1), and M(9, 3); dilate with scale factor r = 1/3. 2. **3.** Parallelogram ABCD with A(-4, -3), B(-1, 4), C(5, 6) and D(2, -1); dilate with $r = \frac{1}{2}$. Rectangle PQRS with P(4, 0), Q(3, -3), R(-3, -1) and S(-2, 2); dilate with scale factor r = 1.6. 4.