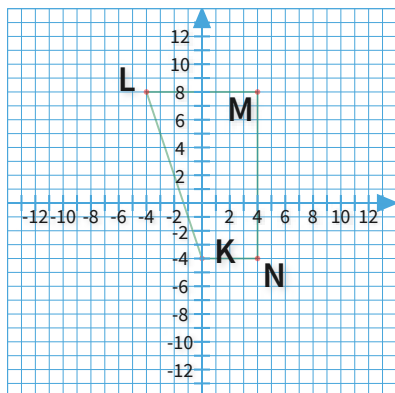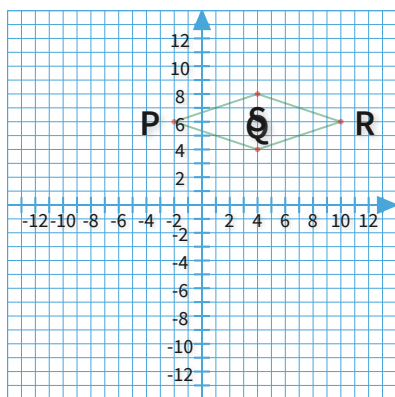# Dilations Graph the Image

#1

Graph the image of trapezoid KLMN after a dilation with scale factor of $\frac{1}{4}$, centered at the origin.
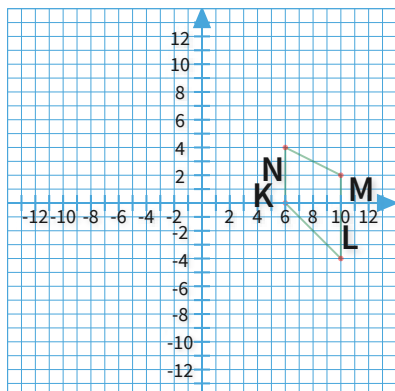
Show your work

#2

Graph the image of kite PQRS after a dilation with scale factor of $\frac{1}{2}$, centered at the origin.

Show your work

#3

Graph the image of trapezoid KLMN after a dilation with scale factor of $\frac{1}{2}$, centered at the origin.
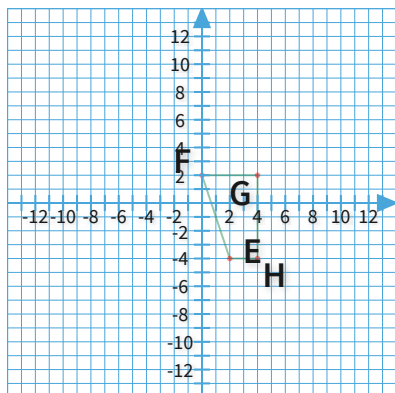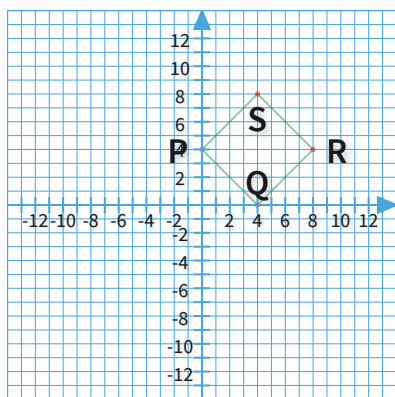
Show your work

#4

Graph the image of trapezoid EFGH after a dilation with scale factor of $\frac{1}{2}$, centered at the origin.
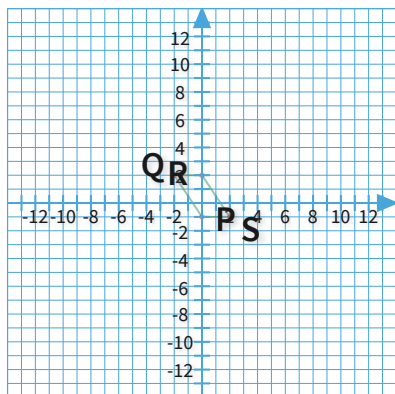
Show your work

#5

Graph the image of kite PQRS after a dilation with scale factor of $\frac{1}{4}$, centered at the origin.

Show your work

#6

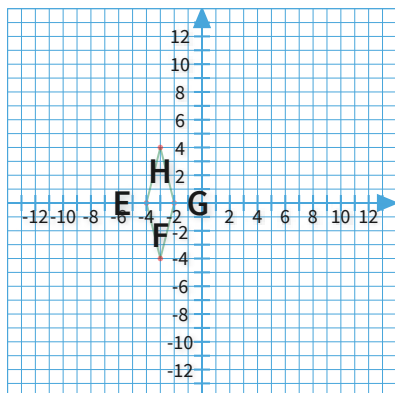Graph the image of trapezoid PQRS after a dilation with scale factor of 5, centered at the origin.
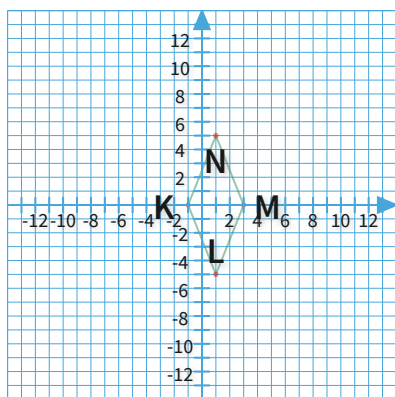
Show your work

#7

Graph the image of kite EFGH after a dilation with scale factor of 2, centered at the origin.
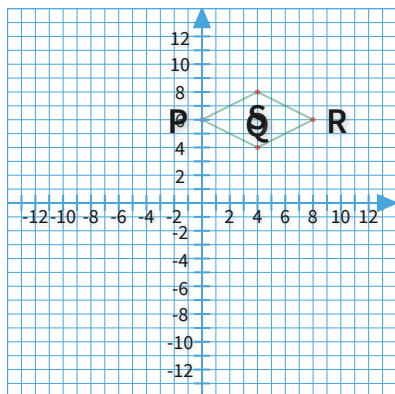
Show your work

#8

Graph the image of kite KLMN after a dilation with scale factor of 2, centered at the origin.

Show your work

#9

Graph the image of kite PQRS after a dilation with scale factor of $\frac{1}{2}$, centered at the origin.
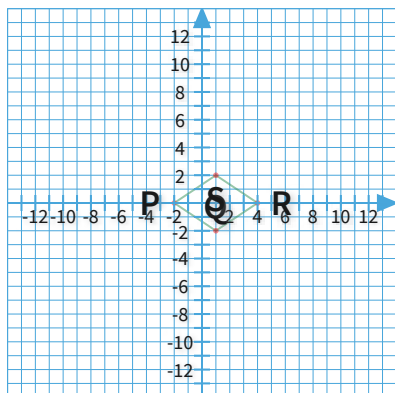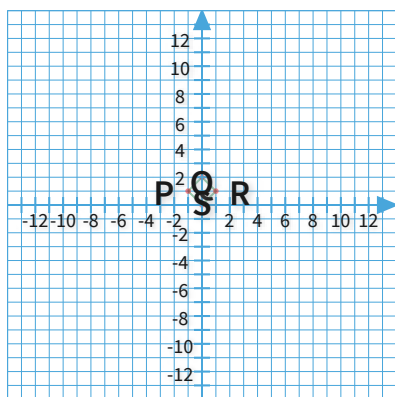
Show your work

#10

Graph the image of kite PQRS after a dilation with scale factor of 2, centered at the origin.
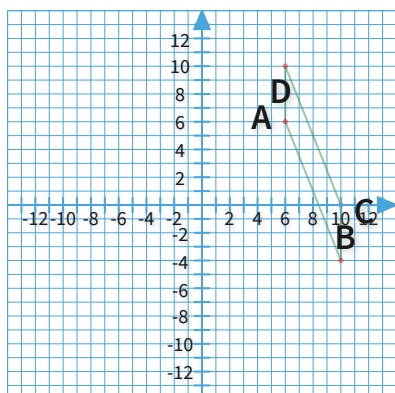

Show your work

#11

Graph the image of kite PQRS after a dilation with scale factor of 5, centered at the origin.

Show your work

#12

Graph the image of trapezoid ABCD after a dilation with scale factor of $\frac{1}{2}$, centered at the origin.

Show your work

TeachMe

Question	Answer
#1	0,-1,-1,2,1,2,1,-1
#2	-1,3,2,2,5,3,2,4
#3	3,0,5,-2,5,1,3,2
#4	1,-2,0,1,2,1,2,-2
#5	0,1,1,0,2,1,1,2
#6	0,-5,-10,10,0,10,10,-5
#7	-8,0,-6,-8,-4,0,-6,8
#8	-2,0,2,-10,6,0,2,10
#9	0,3,2,2,4,3,2,4
#10	-4,0,2,-4,8,0,2,4
#11	-5,5,0,0,5,5,0,10
#12	3,3,5,-2,5,0,3,5

CC.8.83