



15.	16. Use a compass to dilate a scalene $\Delta$ with a
Find the length of each segment.	scale factor of $k = \frac{1}{2}$ .
$\overline{EF}$ $A$ $24$ $B$ $16$ $D$ $\overline{F}$	Use a compass to dilate a triangle with a scale factor of k = −2.
17. Determine whether the polygons with the given	18. Determine whether the polygons with the given
describing a transformation.	a transformation.
A(3, 0), B(3, 6), C(9, 6)	L(-10, 5), M(-5, 0), N(0, 0), O(5, 5)
X(4, 0), Y(4, -8), Z(12, -8)	D(4, 2), E(2, 0), F(0, 0), G(-2, 2)
19. Apply the dilation to the figure.	20. Find the length of YW and WZ.
Where is the point of dilation? $D: (x, y) \rightarrow (0.5x, 0.5y)$	8 12.8
A(1, -2), B(1, -4), C(5, -2) D(5, -4)	$Y = \frac{t}{2}  W  t-2  Z$
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