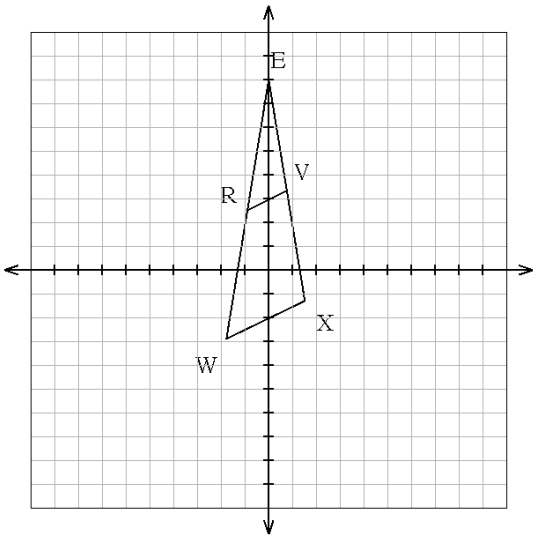
NAME:

DATE:

Mr. Nockles

More Rotation Practice

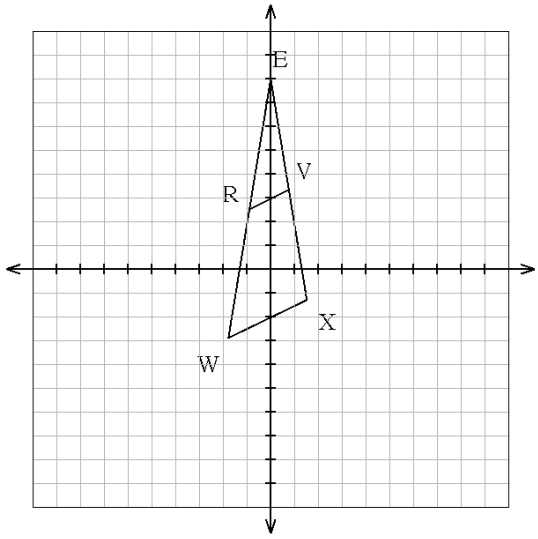
1) In the diagram below of $\triangle EWX$, $\overline{RV}$ is paralel to $\overline{WX}$ .If $EV = 11.0, ER = 14.0,$ and $VX = 11.0$, find the measure of RW .



ANSWERS

5001

1) In the diagram below of $\triangle EWX$, $\overline{RV}$ is paralel to $\overline{WX}$. If $EV = 11.0, ER = 14.0,$ and $VX = 11.0$, find the measure of RW.



$\frac{EV}{ER}$	$=$	$\frac{VX}{RW}$	**If a line passes through two sides of a triangle and is parallel to the third side, then it divides the other two sides proportionally.**
$(x)(11)$	$=$	$(11)(14)$	Rewritten, equivalent form (after multiplying by the reciprocals of each denominator on both sides.)
$11x$	$=$	154	Simplify.