

# CHECK YOUR ANSWER

You can check your answer by connecting the corresponding points (for example,  $E$  to  $E'$ ) and extending the line beyond the two points. If the line intersects at the origin, your answer is correct.

**EXAMPLE:** Given  $\triangle LMN$ , draw the dilation image with the center of dilation at the origin and a scale factor of  $\frac{1}{2}$ .

ORIGINAL	SCALE FACTOR	IMAGE
$L(-2, 6)$	$\cdot \frac{1}{2}$	$L'(-1, 3)$
$M(-2, 2)$	$\cdot \frac{1}{2}$	$M'(-1, 1)$
$N(-6, 4)$	$\cdot \frac{1}{2}$	$N'(-3, 2)$

