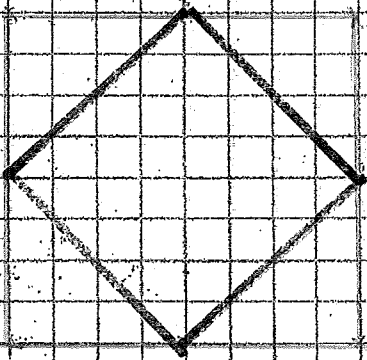


# Ma 9 3.4 Drawing a Similar Polygon

Free Plain Graph Paper from <http://www.comptech.com/vgs/ghpape.html>

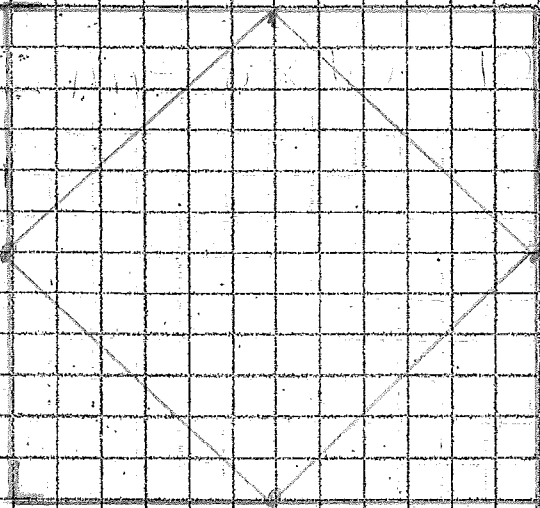
**EXAMPLE:**



$$\text{length} = 8$$

$$\text{width} = 8$$

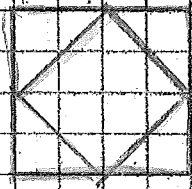
**Enlarge by 150%**



$$\text{length} = 8 \times 1.5 = 12$$

$$\text{width} = 8 \times 1.5 = 12$$

**Reduce by 50%**



$$\text{length} = 8 \times 0.5 = 4$$

$$\text{width} = 8 \times 0.5 = 4$$

### 3.A Drawing a Similar Polygon

\* For each, sketch and label an enlargement of 150% - reduction of 50%

