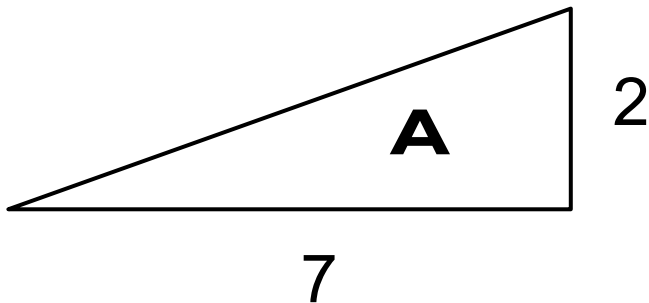


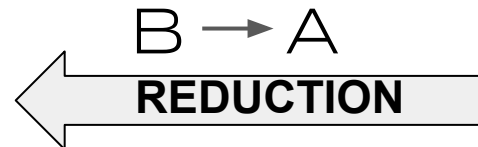
SCALE FACTOR

Triangles A and B are similar because:

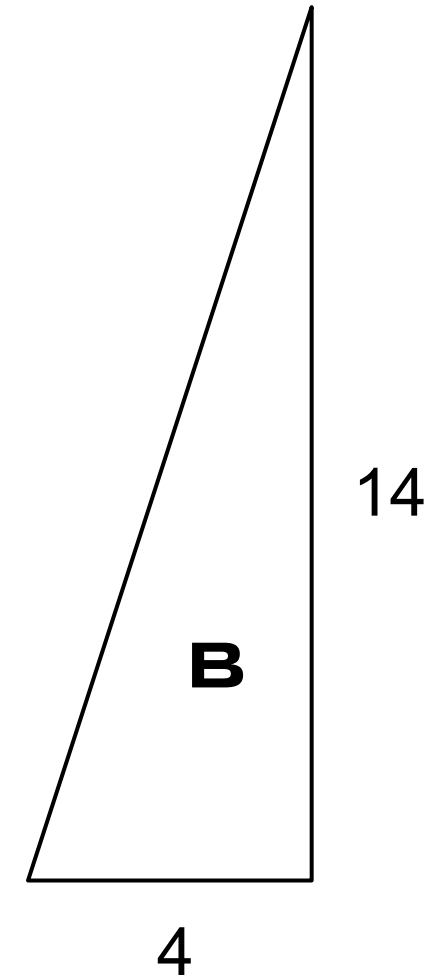
1. They have the same shape
2. They have the same angles
3. They have a **common scale factor** between corresponding sides



My scale factor from
A to B is **2**,
since I multiply each side in A by 2
to get its corresponding side in B.



My scale factor from
A to B is $\frac{1}{2}$,
since I multiply each side in B by $\frac{1}{2}$
to get its corresponding side in A.



REMEMBER!
SIMILAR FIGURES
HAVE **2** SCALE
FACTORS!

REMEMBER! Enlargements have scale factors greater than one!
Reductions have scale factors between zero and one!