

May 29th

The base of a triangle is increase by 10% and the height is decreased by 10%.

Work out the change in area.



Original area = $\frac{1}{2} \times b \times h$

New area = $\frac{1}{2} \times 1.1 \times b \times 0.9 \times h = \frac{1}{2} \times 0.99 \times b \times h$

Hence the area is decreased by 1%