

**Answer on Question #48279 – Math – Algebra**

*A photo is 4 in tall and 1 in wide. If it is enlarged to a width of 5 in, how tall will it be?*

Width to height proportion should be the same. Let's create a proportion:

$$\frac{4 \text{ in}}{1 \text{ in}} = \frac{x \text{ in}}{5 \text{ in}}$$

Thus,

$$x = 20 \text{ in}$$

**Answer:** A photo will be 20 in tall