

Answer on Question #70361 – Math – Algebra

Question

The property taxes on a house were \$840. What was the tax rate if the house was valued at \$140,000? Follow the problem-solving process and round your answer to the nearest hundredth of a percent, if necessary.

Solution

840 is $x\%$

140,000 is 100%

so, we have a proportion $\frac{840}{140000} = \frac{x}{100}$

$$x = \frac{840 \times 100}{140000} = \frac{84000}{140000} = \frac{84}{140} = 0.6 \%$$

Answer: the tax rate is 0.6%.