

Stats /

Finding a percentage of a total amount in a circle graph

Problem

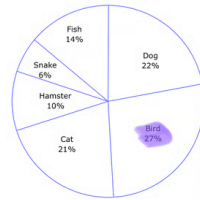
Explanation

Show Another

Finding a percentage of a total amount in a circle graph

QUESTION

The citizens of a city were asked to choose their favorite type of pet. The circle graph shows how the citizens answered. If 135,000 citizens answered the question, how many chose **Bird**?



$$27\% \cdot 135,000$$

$$.27 \cdot 135,000 = 36,450$$

Problem

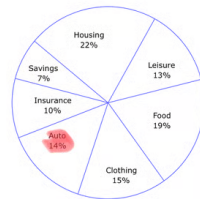
Explanation

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Finding a percentage of a total amount in a circle graph

QUESTION

The circle graph shows how a family budgets its annual income. If the total annual income is \$105,000, what amount is budgeted for **Auto** expenses?



$$14\% \cdot 105,000$$

$$.14 \cdot 105,000 = 14,700$$