

Name _____

Date _____

Gratuities and Commissions, Fees, and Tax - Step-by-Step Lesson

Lesson 1 Gratuities Problem:

At a certain bakery shop, 30 cakes were sold in July. The manager at the store wants to encourage the sales team to sell more cakes by giving all the sales team members a bonus if the number of cakes sold increases by 20% in August.

How many cakes must the sales team sell in August to receive the bonus? Justify the solution.



Explanation:

The sales team members need to sell the 30 and an additional 20% of 30 cakes.

$$\begin{aligned} 20\% \text{ of } 30 &= \\ 0.2 \times 30 &= 6 \end{aligned}$$

6 is exactly 20%, so the team would need to sell 6 more cake than in August or 36 total (30 + 6).

So, answer is 36 cakes.

