



Name _____

Date _____

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Adding and Subtracting Mixed Numbers with Like Denominators

Word Problems

(4.NF.3.c)

Directions: Solve the following word problem. Show your work.

A local ice cream parlor goes through $3 \frac{1}{4}$ gal of cherry ice cream, $15 \frac{2}{4}$ gal of vanilla ice cream, and $12 \frac{3}{4}$ gal of chocolate ice cream a week. How much ice cream do they go through in a week? Explain your answer.



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Answer:

Add the whole numbers together. $3 + 15 + 12 = 30$ Then add the fractions.

$\frac{1}{4} + \frac{2}{4} + \frac{3}{4} = \frac{6}{4} = 1 \frac{2}{4}$ Now add $30 + 1 \frac{2}{4}$. The sum is $31 \frac{2}{4}$. The ice cream parlor sells $31 \frac{2}{4}$ gal of ice cream each week.