



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.

Grandpa runs a 5K every morning. If a 5K is  $3 \frac{1}{10}$  miles long, how many miles does Grandpa run in a week? Explain your answer.

Answer:



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Answer:

You will need to add  $3 \frac{1}{10}$  seven times.

$$3 \frac{1}{10} + 3 \frac{1}{10} + 3 \frac{1}{10} + 3 \frac{1}{10} + 3 \frac{1}{10} + 3 \frac{1}{10} + 3 \frac{1}{10} =$$

First add up the whole numbers.  $3+3+3+3+3+3+3=21$  Next add the numerators. The new numerator is 7. The denominator stays the same when you are adding mixed numbers with like denominators. Put the mixed number together. Your answer is  $21 \frac{7}{10}$ . Grandpa runs  $21 \frac{7}{10}$  miles each week.