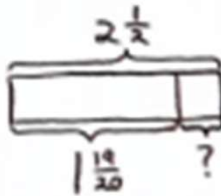
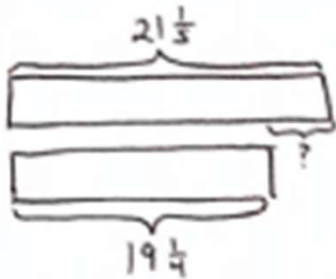


Fraction Word Problems Worksheets

Matt wants to shave $2\frac{1}{2}$ minutes off his 5K race time. After a month of hard training, he managed to lower his overall time from $21\frac{1}{5}$ minutes to $19\frac{1}{4}$ minutes. By how many more minutes does Matt need to lower his race time?

Fraction Word Problems Worksheets

Matt wants to shave $2\frac{1}{2}$ minutes off his 5K race time. After a month of hard training, he managed to lower his overall time from $21\frac{1}{5}$ minutes to $19\frac{1}{4}$ minutes. By how many more minutes does Matt need to lower his race time?



$$\begin{aligned}21\frac{1}{5} - 19\frac{1}{4} &= 2\frac{1}{5} - \frac{1}{4} \\ &= 2\frac{4}{20} - \frac{5}{20} \\ &= 1\frac{24}{20} - \frac{5}{20} \\ &= 1\frac{19}{20}\end{aligned}$$

$$\begin{aligned}2\frac{1}{2} - 1\frac{19}{20} &= 1\frac{1}{2} - \frac{19}{20} \\ &= 1\frac{10}{20} - \frac{19}{20} \\ &= \frac{30}{20} - \frac{19}{20} \\ &= \frac{11}{20}\end{aligned}$$

Matt needs to shave $\frac{11}{20}$ min off his race time.