

Fraction Word Problems Worksheets

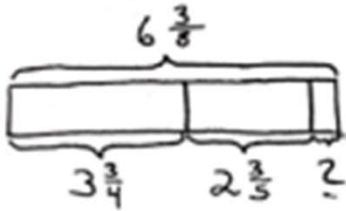
Sinister Stan stole $3\frac{3}{4}$ oz of slime from Messy Molly, but his evil plans require $6\frac{3}{8}$ oz of slime. He stole another $2\frac{3}{5}$ oz of slime from Rude Ralph. How much more slime does Sinister Stan need for his evil plan?

Gavin had 20 minutes to do a three-problem quiz. He spent $9\frac{3}{4}$ minutes on Problem 1 and $3\frac{4}{5}$ minutes on Problem 2. How much time did he have left for Problem 3? Write the answer in minutes and seconds.

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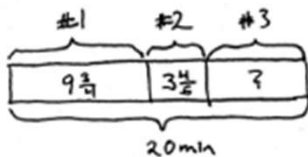


$$\begin{aligned}
 3\frac{3}{4} + 2\frac{3}{5} &= 5\frac{3}{4} + \frac{3}{5} \\
 &= 5\frac{15}{20} + \frac{12}{20} \\
 &= 5\frac{27}{20} \\
 &= 6\frac{7}{20}
 \end{aligned}$$

Sinister Stan needs $\frac{1}{40}$ ounce of slime.

$$\begin{aligned}
 6\frac{3}{8} - 6\frac{7}{20} &= \frac{3}{8} - \frac{7}{20} \\
 &= \frac{15}{40} - \frac{14}{40} \\
 &= \frac{1}{40}
 \end{aligned}$$

Gavin had 20 minutes to do a three-problem quiz. He spent $9\frac{3}{4}$ minutes on Problem 1 and $3\frac{4}{5}$ minutes on Problem 2. How much time did he have left for Problem 3? Write the answer in minutes and seconds.



$$\begin{aligned}
 &20 - 9\frac{3}{4} - 3\frac{4}{5} \\
 &= 19\frac{20}{20} - 9\frac{15}{20} - 3\frac{16}{20} \\
 &= 10\frac{5}{20} - 3\frac{16}{20} \\
 &= 9\frac{25}{20} - 3\frac{16}{20} \\
 &= 6\frac{9}{20}
 \end{aligned}$$

$$\begin{aligned}
 6\frac{9}{20} \text{ min} &= 6\frac{27}{60} \text{ min} \\
 &= 6 \text{ min } 27 \text{ seconds}
 \end{aligned}$$

He had 6 minutes 27 seconds for question 3.