

Homework Helper

Estimate $3\frac{5}{8} - 1\frac{1}{8}$.

Round each mixed number to the nearest whole number.

$\frac{5}{8}$ is greater than $\frac{1}{2}$.

So, $3\frac{5}{8}$ rounds up to 4.

$\frac{1}{8}$ is less than $\frac{1}{2}$.

So, $1\frac{1}{8}$ rounds down to 1.

$$\begin{aligned} 3\frac{5}{8} - 1\frac{1}{8} &\approx 4 - 1 \\ &\approx 3 \end{aligned}$$

So, $3\frac{5}{8} - 1\frac{1}{8}$ is about 3.

Practice

Estimate by rounding each mixed number to the nearest whole number.

1. $2\frac{1}{5} + 6\frac{4}{5}$

2. $6\frac{5}{12} - 2\frac{1}{12}$

3. $11\frac{8}{9} + 4\frac{1}{3}$
