Math in My World

Example 1

Asma and Amani went scuba diving for $7\frac{1}{3}$ hours. The next day, they went scuba diving for $4\frac{2}{3}$ hours. About how many hours did they spend scuba diving altogether?

Estimate $7\frac{1}{3} + 4\frac{2}{3}$.

Round each mixed number to the nearest whole number.

$\frac{1}{3}$ is less than $\frac{1}{2}$.
So, $7\frac{1}{3}$ rounds down to 7.

$\frac{2}{3}$ is greater than $\frac{1}{2}$.
So, $4\frac{2}{3}$ rounds up to 5.

$7\frac{1}{3} + 4\frac{2}{3} \approx$ _____ + _____

$\approx$ _____

Helpful Hint

The $\approx$ means *about* or *approximately equal to.*

So, $7\frac{1}{3} + 4\frac{2}{3} \approx$ _____.

Asma and Amani spent about _____ hours scuba diving altogether.

LIVEWORKSHEETS