



Math in My World

Example 1

One crab weighs $2\frac{3}{4}$ kilograms. A second crab weighs $1\frac{1}{4}$ kilograms. How much more does the one crab weigh? Use models to find the difference.



Find $2\frac{3}{4} - 1\frac{1}{4}$.

Estimate $3 - 1 = \underline{\hspace{2cm}}$

Model $2\frac{3}{4}$ using fraction tiles.

Subtract $1\frac{1}{4}$ by crossing out 1 whole and one $\frac{1}{4}$ -tile.

There is one whole and two $\frac{1}{4}$ -tiles left,

which is $1\frac{2}{4}$, or $\frac{\square}{\square} \frac{\square}{\square}$.

So, $2\frac{3}{4} - 1\frac{1}{4} = \frac{\square}{\square} \frac{\square}{\square}$.

The first crab weighs $\frac{\square}{\square} \frac{\square}{\square}$ kilograms more than the second.

Check for Reasonableness $\underline{\hspace{2cm}} \approx \frac{\square}{\square} \frac{\square}{\square}$

