

Example 2

The total length of a cardboard sheet that Nisha bought is $5\frac{3}{4}$ meters. She had cut off $3\frac{1}{4}$ meters from it for her project work. About how much did she have left?

Estimate $5\frac{3}{4} - 3\frac{1}{4}$.

Round each mixed number to the nearest whole number.

$\frac{3}{4}$ is greater than $\frac{1}{2}$.

So, $5\frac{3}{4}$ rounds up to 6.

$\frac{1}{4}$ is less than $\frac{1}{2}$.

So, $3\frac{1}{4}$ rounds down to 3.

$$5\frac{3}{4} - 3\frac{1}{4} \approx \underline{\hspace{2cm}} - \underline{\hspace{2cm}}$$
$$\approx \underline{\hspace{2cm}}$$

So, $5\frac{3}{4} - 3\frac{1}{4} \approx \underline{\hspace{2cm}}$.

The cardboard left with Nisha is about meters.