Fraction Operations Review (All 4 skills in one)- Guided Lesson Explanation

Explanation#1

In this fraction the denominators (bottom numbers) are same. So subtract the numerators (top numbers). Then write the subtraction value with the denominator which was same. Like this:

$$\frac{5}{2} - \frac{4}{2}$$

$$\frac{5-4}{2} = \frac{1}{2}$$

So, the answer is $\frac{1}{2}$.

Explanation#2

Flip the second fraction.

$$\frac{8}{4}$$
 becomes $\frac{4}{8}$

Then multiply the first fraction by that flipped fraction.

$$\frac{2\times4}{6\times8} = \frac{8}{48}$$

Now simplify this fraction:

$$\frac{8}{48} = \frac{1}{6}$$

So, the answer is $\frac{1}{6}$.

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Explanation#3

Multiply the first fraction by the second fraction.

$$\frac{9\times4}{10\times6} = \frac{36}{60}$$

Step 3) Now simplify this fraction:

$$\frac{36}{60} = \frac{3}{5}$$

So the answer is $\frac{3}{5}$.