Add and subtract fractions with like denominators using number lines

a. Fill in the subtraction expression using the number line below.

\[
\frac{6}{11} - \frac{\square}{11} = \frac{\square}{11}
\]

b. Fill in the addition expression using the number line below.

\[
\frac{2}{7} + \frac{\square}{7} = \frac{\square}{7}
\]
1. Fill in the subtraction expression using the number line below.

Let's first of all find the distance between each section.
The distance between each section is \( \frac{1}{11} \).
Now, to subtract let's go backward from \( \frac{10}{11} \) to \( \frac{6}{11} \).
We will get \( \frac{4}{11} \) parts. So, the complete expression is \( \frac{10}{11} - \frac{6}{11} = \frac{4}{11} \).

2. Fill in the addition expression using the number line below.

Let's first of all find the distance between each section.
The distance between each section is \( \frac{1}{7} \).
Now, to find the missing number go forward from \( \frac{2}{7} \) to \( \frac{4}{7} \).
We will get \( \frac{2}{7} \) parts. So, the complete expression is \( \frac{2}{7} + \frac{2}{7} = \frac{4}{7} \).