

Name: _____

Date: _____

Adding and Subtracting Fractions

Draw a sketch for each and explain why you do not add or subtract the denominators.

1) $\frac{1}{5} + \frac{2}{5} =$



2) $\frac{7}{8} - \frac{5}{8} =$



Explanation: _____

You will need to write a mixed number for the examples below.

3) $\frac{7}{8} + \frac{3}{8} =$



4) $\frac{5}{6} + \frac{5}{6} =$



These fractions do not have the same denominators. What can you do?

5) $\frac{1}{6} + \frac{2}{3} =$

Two horizontal bars are shown. The top bar is divided into 6 equal segments. The bottom bar is divided into 3 equal segments.

6) $\frac{3}{8} + \frac{1}{4} =$

7)

Two horizontal bars are shown. The top bar is divided into 8 equal segments. The bottom bar is divided into 4 equal segments.

These are a bit more challenging.

8) $\frac{1}{3} + \frac{3}{5} =$

Two horizontal bars are shown. The top bar is divided into 5 equal segments. The bottom bar is divided into 3 equal segments.

9) $\frac{1}{4} + \frac{2}{3} =$

Two horizontal bars are shown. The top bar is divided into 4 equal segments. The bottom bar is divided into 3 equal segments.

Let's try it with subtraction.

1) $\frac{2}{3} - \frac{1}{6} =$

2) $\frac{7}{8} - \frac{3}{4} =$

These are a bit more challenging.

3) $\frac{4}{5} - \frac{2}{3} =$

4) $\frac{3}{4} + \frac{1}{3} =$
