

1. For the following problems, draw a picture using the rectangular fraction model and write the answer. Simplify your answer, if possible.

a.  $\frac{1}{3} - \frac{1}{4} =$

b.  $\frac{2}{3} - \frac{1}{2} =$

c.  $\frac{5}{6} - \frac{1}{4} =$

d.  $\frac{2}{3} - \frac{1}{7} =$

e.  $\frac{3}{4} - \frac{3}{8} =$

f.  $\frac{3}{4} - \frac{2}{7} =$

2. Mr. Penman had  $\frac{2}{3}$  liter of salt water. He used  $\frac{1}{5}$  of a liter for an experiment. How much salt water does Mr. Penman have left?
3. Sandra says that  $\frac{4}{7} - \frac{1}{3} = \frac{3}{4}$  because all you have to do is subtract the numerators and subtract the denominators. Convince Sandra that she is wrong. You may draw a rectangular fraction model to support your thinking.

