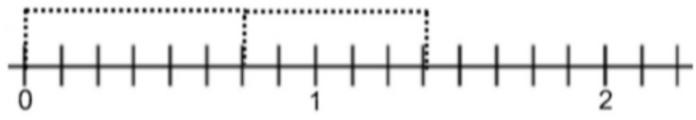
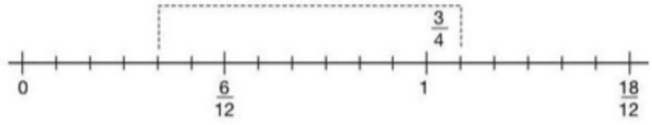
Grade 7 Fraction Add/Subtract Test Review

Name:_____

1. **a)** Write the addition equation represented by this picture.



b) Write the subtraction equation represented by this picture.



2. Add or subtract.

a) $\frac{7}{8} + \frac{11}{12}$ **b)** $\frac{5}{6} - \frac{1}{12}$ **c)** $\frac{7}{8} + \frac{3}{7}$ **d)** $\frac{13}{15} - \frac{2}{6}$

e) $\frac{3}{5} + \frac{1}{4}$ **f)** $\frac{3}{4} - \frac{4}{13}$ **g)** $\frac{14}{9} + \frac{4}{7}$ **d)** $\frac{6}{10} - \frac{3}{8}$

3. Find two fractions that have a **sum** of $\frac{2}{7}$

a) The fractions have like denominators.

b) Find two fractions that have difference of 5/8 **With** unlike denominators.

4. **Grade 7 class are doing a bake sale**, one-sixth of the students made cookies, 1/12 made brownie and three-eights made muffins. What fraction of students did not bake anything? (Hint: May want to find the fraction of who did bake)

5. Add or subtract.

a) $3\frac{2}{3} + 4\frac{1}{5}$ **b)** $5\frac{3}{4} - 2\frac{2}{9}$ **c)** $2\frac{1}{4} + 3\frac{2}{5}$ **d)** $6\frac{3}{4} - 2\frac{5}{6}$

$5\frac{1}{4} + 2\frac{1}{3} =$ $4\frac{4}{5} + 2\frac{2}{7} =$ $1\frac{1}{6} + 5\frac{2}{4} =$

6. Your classmate tells you that $1\frac{1}{3} + 2\frac{1}{3} = 3\frac{2}{6}$. Work this question out to see if the student is correct or incorrect. Show work.

7. Which number is subtracted from the numerator and denominator of $\frac{11}{17}$ to get a fraction that is equivalent to $\frac{1}{4}$? Show your work.

$$\frac{11}{17} - \frac{\square}{\square} = \frac{1}{4}$$