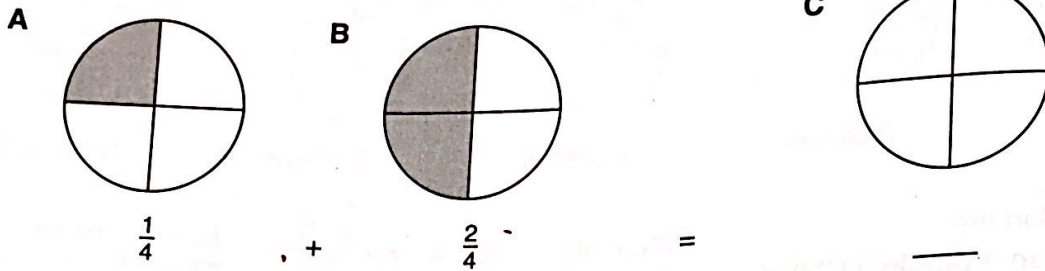
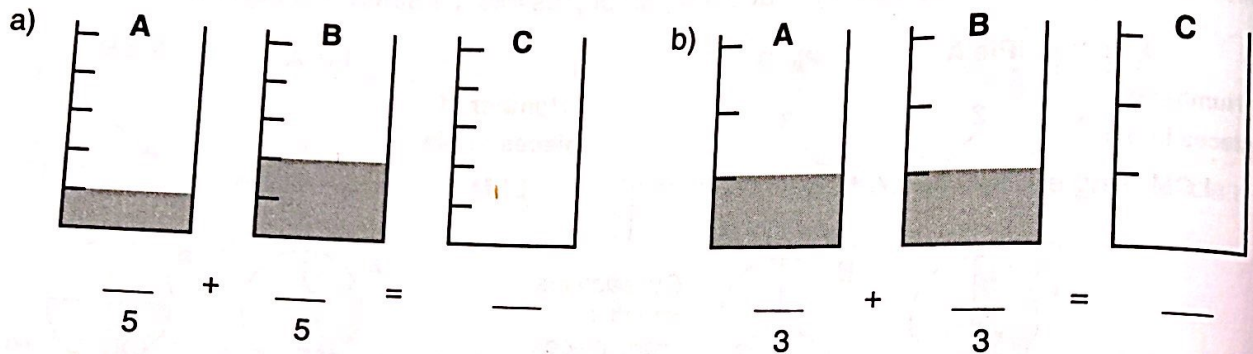


# NS5-77: Adding and Subtracting Fractions

1. Imagine moving the shaded pieces from pies A and B onto pie plate C. Show how much of pie C would be filled then write a fraction for pie C.



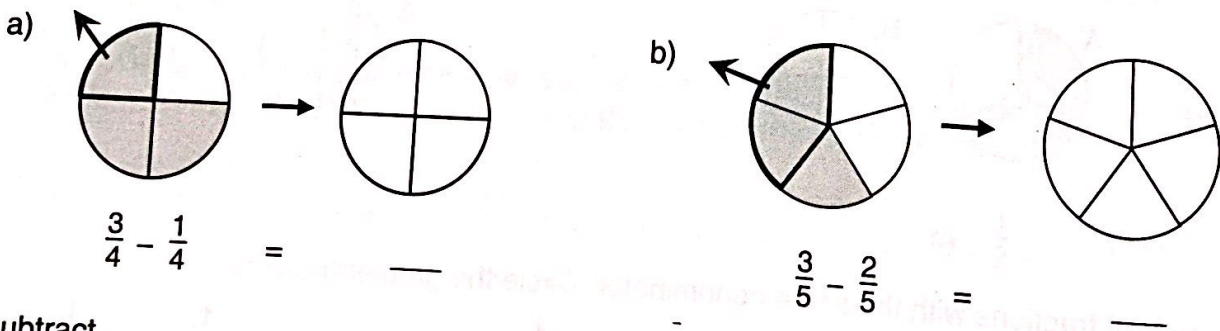
2. Imagine pouring the liquid from cups A and B into cup C. Shade the amount of liquid that would be in C. Then complete the addition statements.



3. Add.

- |                                    |                                    |                                      |                                      |
|------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|
| a) $\frac{3}{5} + \frac{1}{5} =$   | b) $\frac{2}{4} + \frac{1}{4} =$   | c) $\frac{3}{7} + \frac{2}{7} =$     | d) $\frac{5}{8} + \frac{2}{8} =$     |
| e) $\frac{3}{11} + \frac{7}{11} =$ | f) $\frac{5}{17} + \frac{9}{17} =$ | g) $\frac{11}{24} + \frac{10}{24} =$ | h) $\frac{18}{57} + \frac{13}{57} =$ |

4. Show how much pie would be left if you took away the amount shown. Then complete the fraction statement.

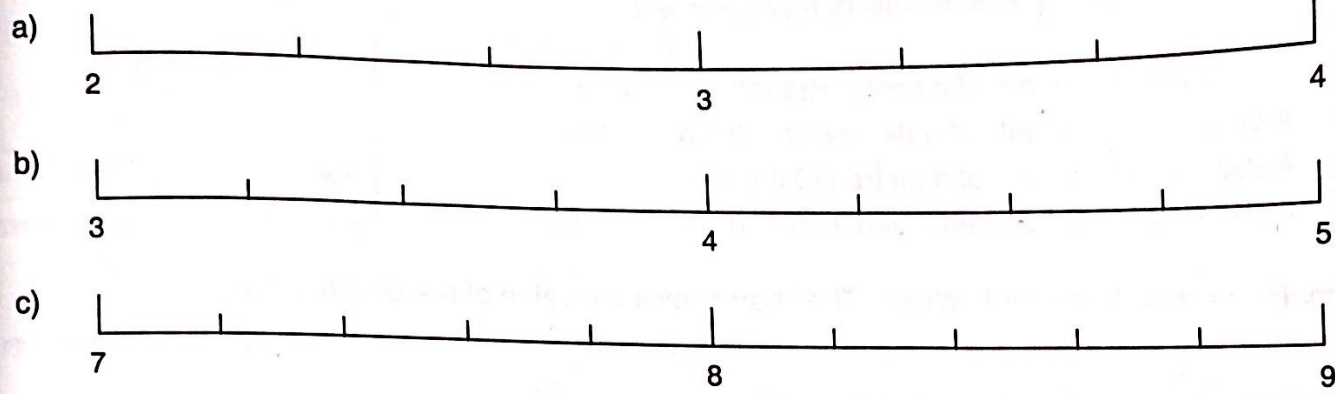


Subtract.

- |                                    |                                    |                                    |                                      |
|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|
| a) $\frac{2}{3} - \frac{1}{3} =$   | b) $\frac{3}{5} - \frac{1}{5} =$   | c) $\frac{6}{7} - \frac{3}{7} =$   | d) $\frac{5}{8} - \frac{2}{8} =$     |
| e) $\frac{9}{12} - \frac{2}{12} =$ | f) $\frac{6}{19} - \frac{4}{19} =$ | g) $\frac{9}{28} - \frac{3}{28} =$ | h) $\frac{17}{57} - \frac{12}{57} =$ |

# NS5-78: Fractions Review

1. Fill in the missing mixed fractions on the number line.



2. Continue the patterns.

a)  $2\frac{1}{4}, 2\frac{2}{4}, 2\frac{3}{4}, \underline{\quad}, \underline{\quad}$       b)  $7\frac{1}{5}, 7\frac{2}{5}, 7\frac{3}{5}, \underline{\quad}, \underline{\quad}$

3. Fill in the blanks.

a)  $2\frac{3}{4}$  pies = 11 quarters      b)  $3\frac{2}{5}$  =        fifths      c)  $4\frac{1}{3}$  =        thirds

$2\frac{3}{4} = \frac{11}{4}$        $3\frac{2}{5} =$        $4\frac{1}{3} =$

4. Write the fractions in order from least to greatest.

**HINT:** First write each fraction with the same denominator.

a)  $\frac{1}{2}$     $\frac{2}{5}$     $\frac{3}{10}$       b)  $\frac{1}{3}$     $\frac{5}{6}$     $\frac{1}{2}$       c)  $\frac{5}{8}$     $\frac{1}{2}$     $\frac{3}{4}$

/10   /10                          

5. Use two of 2, 3, 4, and 5 to create ...

a)  $\frac{\square}{\square}$       b)  $\frac{\square}{\square}$       c)  $\frac{\square}{\square}$       d)  $\frac{\square}{\square}$

the least possible fraction      a fraction greater than 2      a fraction equivalent to  $\frac{1}{2}$       a fraction equivalent to  $1\frac{1}{2}$

6. Which fraction is greater than 2 but less than 3?      a)  $\frac{11}{3}$       b)  $\frac{5}{4}$       c)  $\frac{10}{4}$

How do you know?

7. How could you use division to find out how many whole pies are in  $\frac{13}{4}$  of a pie? Explain.