

Grade 8

Sheet 151 – Adding Fractions

1) Find the sum of each fraction. (Model b,d,f,g with pictures)

a) $\frac{3}{12} + \frac{7}{12}$

b) $\frac{1}{4} + \frac{1}{2}$

c) $\frac{1}{4} + \frac{5}{12}$

d) $\frac{2}{4} + \frac{1}{3}$

e) $\frac{3}{5} + \frac{1}{2}$

f) $\frac{3}{12} + \frac{7}{12}$

g) $\frac{3}{10} + \frac{4}{5}$

h) $\frac{7}{12} + \frac{3}{4}$

i) $\frac{9}{10} + \frac{1}{3}$

2) Find the difference of each fraction. (Model b,d,g with pictures)

a) $\frac{7}{8} - \frac{5}{8}$

b) $\frac{11}{12} - \frac{5}{6}$

c) $\frac{9}{10} - \frac{9}{100}$

d) $\frac{3}{4} - \frac{2}{3}$

e) $\frac{12}{15} - \frac{3}{5}$

f) $\frac{5}{5} - \frac{3}{4}$

g) $\frac{7}{10} - \frac{5}{12}$

h) $\frac{9}{15} - \frac{1}{2}$

i) $\frac{7}{25} - \frac{1}{4}$

3) Evaluate each (Show work) (No modeling)

a) $\frac{1}{10} + \frac{1}{3}$

b) $\frac{2}{3} - \frac{1}{4}$

c) $\frac{4}{5} + \frac{1}{3}$

d) $\frac{3}{4} - \frac{7}{10}$

e) $\frac{3}{5} + \frac{1}{2}$

f) $\frac{9}{10} - \frac{5}{8}$

4) Show your work and add the following fractions. (Reduce your answers to lowest term)

a) $\frac{4}{15} + \frac{1}{15} + \frac{7}{15}$

b) $\frac{1}{2} + \frac{2}{3} + \frac{3}{5}$

c) $\frac{2}{3} + \frac{1}{4} + \frac{3}{10}$

d) $\frac{3}{4} + \frac{5}{12} + \frac{1}{2}$

5) Karen spent $\frac{1}{2}$ hours on laundry on Monday, $\frac{1}{3}$ of a hour on laundry on Tuesday and $\frac{1}{4}$ of a hour on laundry on Friday. How many hours did she spend doing laundry in total? (as a fraction then as hours and minutes)

6) Doug ate $\frac{1}{4}$ of the pie for his first setting and then went back for $\frac{1}{8}$ of the pie. Ann ate $\frac{1}{6}$ of the pie and then went back for another piece the exact same size of her first. Who ate more pie? How much more? (SHOW THE MATH)