

Name _____

Date _____

1. For the following problems, draw a picture using the ^{strips} rectangular fraction model and write the answer.

a. $\frac{3}{4} + \frac{1}{3} = \frac{13}{12} = 1\frac{1}{12}$

$\frac{3 \times 3}{4 \times 3} = \frac{9}{12}$ $\frac{1 \times 4}{3 \times 4} = \frac{4}{12}$

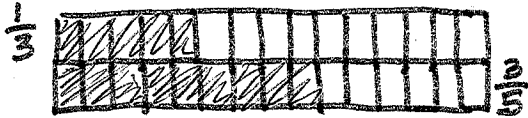
$\frac{9}{12} + \frac{4}{12} = \frac{13}{12} = 1\frac{1}{12}$
 ↑ ↑
 improper Mixed #

b. $\frac{3}{4} + \frac{2}{3} = \frac{17}{12} = 1\frac{5}{12}$



$\frac{3}{4} = \frac{9}{12}$ $\frac{2}{3} = \frac{8}{12}$
 $\frac{9}{12} + \frac{8}{12} = \frac{17}{12} = 1\frac{5}{12}$

c. $\frac{1}{3} + \frac{3}{5} = \frac{14}{15}$



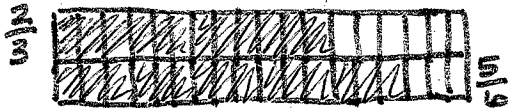
$\frac{1}{3} = \frac{5}{15}$ $\frac{3}{5} = \frac{9}{15}$
 $\frac{5}{15} + \frac{9}{15} = \frac{14}{15}$

d. $\frac{5}{6} + \frac{1}{2} = \frac{16}{12} = 1\frac{4}{12} = 1\frac{1}{3}$



$\frac{5}{6} = \frac{10}{12}$ $\frac{1}{2} = \frac{6}{12}$
 $\frac{10}{12} + \frac{6}{12} = \frac{16}{12} = 1\frac{4}{12} = 1\frac{1}{3}$

e. $\frac{2}{3} + \frac{5}{6} = \frac{19}{18}$



$\frac{2}{3} = \frac{12}{18}$ $\frac{5}{6} = \frac{15}{18}$
 $\frac{12}{18} + \frac{15}{18} = \frac{27}{18} = 1\frac{9}{18} = 1\frac{1}{2}$

f. $\frac{4}{3} + \frac{4}{7} = \frac{40}{21}$

$\frac{4 \times 7}{3 \times 7} = \frac{28}{21}$ $\frac{4 \times 3}{7 \times 3} = \frac{12}{21}$

$\frac{28}{21} + \frac{12}{21} = \frac{40}{21} = 1\frac{19}{21}$

We completed this assignment together:

Parent Signature _____

Student Signature _____

Week 21

Equivalent Fractions (A)

Instructions: Find the missing numbers in the equivalent fractions below.

$$\frac{2 \times 4}{5 \times 4} = \frac{8}{20}$$

$$\frac{5 \times 3}{7 \times 3} = \frac{15}{21}$$

$$\frac{1 \times 4}{8 \times 4} = \frac{4}{32}$$

$$\frac{4 \times 3}{12 \times 3} = \frac{12}{36}$$

$$\frac{8 \times 4}{10 \times 4} = \frac{32}{40}$$

$$\frac{3 \times 4}{10 \times 4} = \frac{12}{40}$$

$$\frac{1 \times 2}{9 \times 2} = \frac{2}{18}$$

$$\frac{1 \times 2}{4 \times 2} = \frac{2}{8}$$

$$\frac{1 \times 4}{2 \times 4} = \frac{4}{8}$$

$$\frac{4 \times 4}{6 \times 4} = \frac{16}{24}$$

$$\frac{5 \times 4}{10 \times 4} = \frac{20}{40}$$

$$\frac{5 \times 4}{6 \times 4} = \frac{20}{24}$$

$$\frac{1 \times 2}{4 \times 2} = \frac{2}{8}$$

$$\frac{5 \times 3}{8 \times 3} = \frac{15}{24}$$

$$\frac{1 \times 3}{7 \times 3} = \frac{3}{21}$$

$$\frac{4 \times 3}{9 \times 3} = \frac{12}{27}$$

$$\frac{1 \times 4}{6 \times 4} = \frac{4}{24}$$

$$\frac{1 \times 5}{3 \times 5} = \frac{5}{15}$$

$$\frac{3 \times 4}{7 \times 4} = \frac{12}{28}$$

$$\frac{1 \times 3}{3 \times 3} = \frac{3}{9}$$

$$\frac{7 \times 5}{12 \times 5} = \frac{35}{60}$$

$$\frac{1 \times 2}{5 \times 2} = \frac{2}{10}$$

$$\frac{2 \times 4}{9 \times 4} = \frac{8}{36}$$

$$\frac{2 \times 5}{4 \times 5} = \frac{10}{20}$$