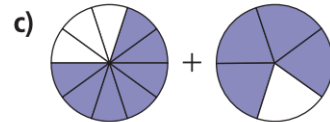
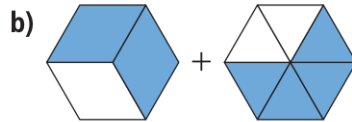
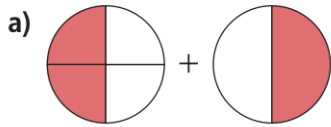


Warm Up

Oct 16

1. Model each picture. Then, find each sum.



5.1 Using Models to Add Fractions 179

2. Use a model to show each sum. Sketch the model.

Write an addition equation for each picture.

a) $\frac{7}{8} + \frac{1}{2}$

b) $\frac{3}{10} + \frac{2}{5}$

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

d) $\frac{2}{3} + \frac{5}{6}$

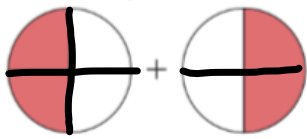
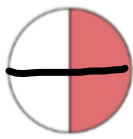
e) $\frac{3}{6} + \frac{1}{12}$

f) $\frac{1}{4} + \frac{2}{8}$

g) $\frac{1}{3} + \frac{1}{2}$

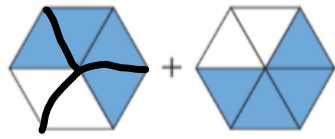

h) $\frac{1}{2} + \frac{4}{10}$

1. Model each picture. Then, find each sum.

a)  + 

$$\frac{2}{4} + \frac{2}{4}$$

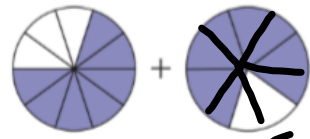

$$\frac{4}{4} = 1$$

b)  + 

$$\frac{8}{6} \div 2$$

$$\frac{6}{6} \div 2$$

$$\frac{4}{3} = 1\frac{1}{3}$$

c)  + 

$$\frac{15}{10} \div 5$$

$$\frac{10}{10} \div 5$$

$$\frac{3}{2} = 1\frac{1}{2}$$

2. Use a model to show each sum. Sketch the model.

Write an addition equation for each picture.

a) $\frac{7}{8} + \frac{1}{2}$

b) $\frac{3}{10} + \frac{2}{5}$

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

d) $\frac{2}{3} + \frac{5}{6}$

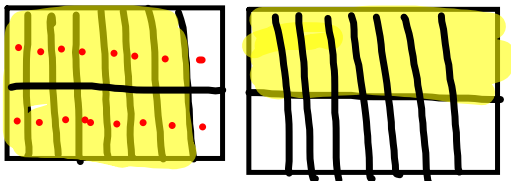
e) $\frac{3}{6} + \frac{1}{12}$

f) $\frac{1}{4} + \frac{2}{8}$

g) $\frac{1}{3} + \frac{1}{2}$

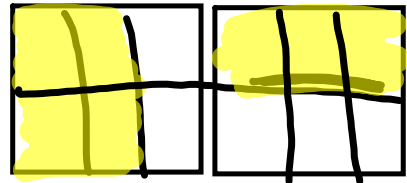
h) $\frac{1}{2} + \frac{4}{10}$

(a) $\frac{7}{8} + \frac{1}{2}$



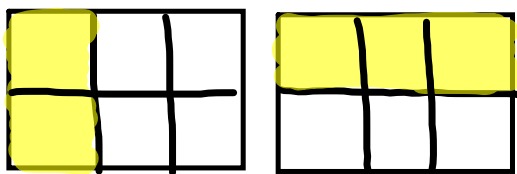
$\frac{24}{16} \div 8$
 $\frac{16}{8} \div 8$
 $\frac{3}{2} = 1\frac{1}{2}$

(c) $\frac{2}{3} + \frac{1}{2}$



$\frac{7}{6} = 1\frac{1}{6}$

(g) $\frac{1}{3} + \frac{1}{2}$

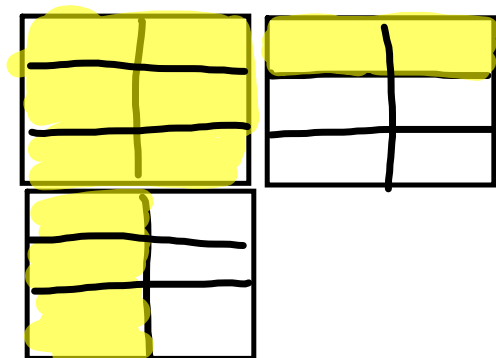


$\frac{5}{6}$

Model with an area model:

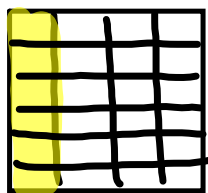
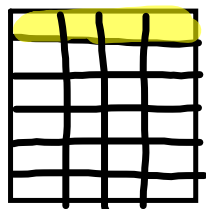
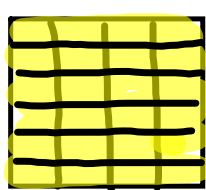
$$\frac{3}{2} + \frac{1}{3}$$

$$\frac{3}{2} = 1\frac{1}{2}$$



$$\frac{11}{6} = 1\frac{5}{6}$$

$$\frac{5}{4} + \frac{1}{6}$$

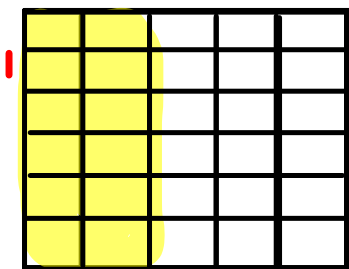
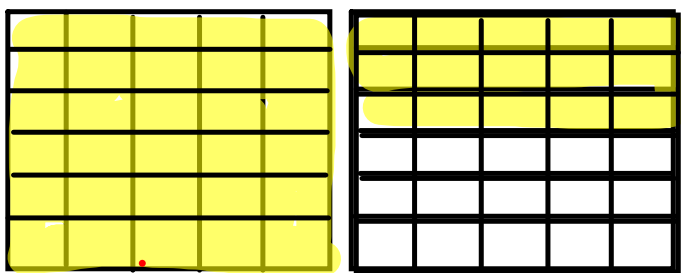


$$\frac{36}{24} \div 12$$

$$\frac{3}{2} \div 12$$


$$\frac{3}{2} = 1\frac{1}{2}$$

$$\frac{7}{5} + \frac{3}{6}$$



$$\frac{57}{30} = 1\frac{27}{30} \stackrel{\div 3}{=} 1\frac{9}{10}$$

Homework
Worksheet



Attachments

EurekaAddingUnlikeFractionsUsingtheRectangularFractionModelAreaModule-1.pdf