

1) BEDMAS:  $6 \times 2 \div 4$

2)  $81 - 873$

3)  $\frac{1}{2}$  of 19 =  $9\frac{1}{2}$  1.5

4)  $12000 \div 10 = 1200$

5)  $63 \div 9 = 7$

6)  $12 \times 100 = 1200$

7)  $109 \times 2 = 218$

8)  $12 \times 20 = 240$

9)  $8004 \div 2 = 4002$

10)  $375 \div 25 = 15$



Number a piece of paper 1 -10.  
Provide a written meaning OR an example of the following...

- 1) sum - answer when you +  $1+2=3$   $1+2=3$
- 2) difference - answer when you -  $3-1=2$
- 3) numerator -  $\neq$  on top of the fraction  $\frac{1}{10}$
- 4) denominator - on the bottom of the fraction
- 5) improper fraction - Num. is  $>$  than d.
- 6) REDUCE -  $\frac{6}{12} : \frac{6}{6} = \frac{1}{2}$  Lowest it can go.  $7 < 8 \Rightarrow \frac{8}{4}$
- 7) product - ans. when you X  $2 \times 6 = 12$
- 8) factor -  $5 \times 2 = 10$  the t's you X
- 9) multiple  $10, 20, 30$
- 10) mixed fraction  $1 \frac{1}{2}$

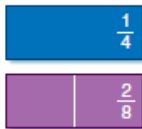
# Equiv. Fracts

$\frac{1}{2} \times \frac{2}{2} = \frac{2}{4}$   
 $\frac{1}{2} \times \frac{3}{3} = \frac{3}{6}$

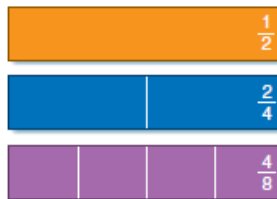
$\frac{1}{2} \times \frac{4}{4} = \frac{4}{8}$   
 $\frac{1}{2} \times \frac{10}{10} = \frac{10}{20}$

$\frac{1}{2} \times \frac{1000}{1000} = \frac{1000}{2000}$

Here are more fraction strips and some equivalent fractions they show.



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

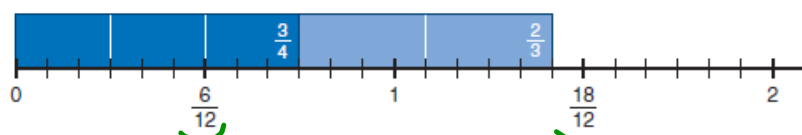


$\frac{1}{2} = \frac{2}{4} = \frac{4}{8}$

Recall that equivalent fractions show the same amount.

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

When the sum is greater than 1, we could use fraction strips and a number line.



$$\frac{3}{4} + \frac{2}{3} = \frac{17}{12}$$

$$\frac{3 \times 3}{4 \times 3} + \frac{2 \times 4}{3 \times 4}$$

$$\frac{9}{12} + \frac{8}{12} = \frac{17}{12}$$

**Example**

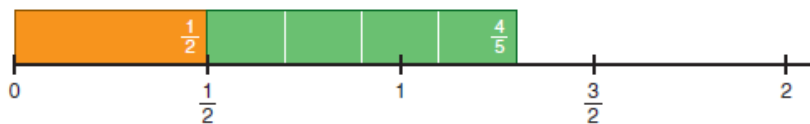
Add.  $\frac{1}{2} + \frac{4}{5}$

**A Solution**

$$\frac{1}{2} + \frac{4}{5}$$

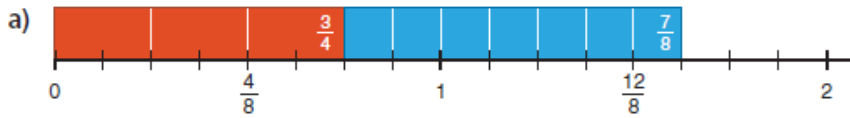
Place both strips end-to-end on the halves line.

The right end of the  $\frac{4}{5}$ -strip does not line up with a fraction on the halves line.



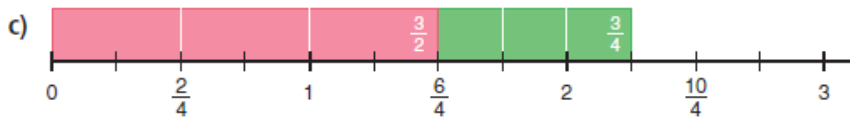
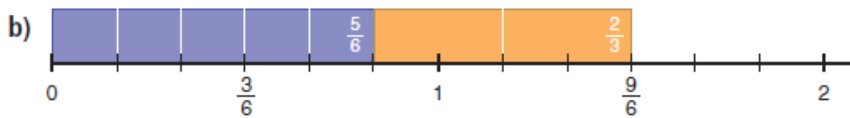
p. 184

2. Write an addition equation for each picture.



$$\frac{3}{4} + \frac{7}{8}$$

$$\frac{6}{8} + \frac{7}{8} = \frac{13}{8}$$



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

$$\frac{5}{6} + \frac{4}{6} = \frac{9}{6} = \frac{3}{2} = 1\frac{1}{2}$$

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

$$\frac{6}{4} + \frac{3}{4} = \frac{9}{4} = 2\frac{1}{4}$$

Use fraction strips and number lines.

1. Use the number lines below. List all fractions equivalent to:

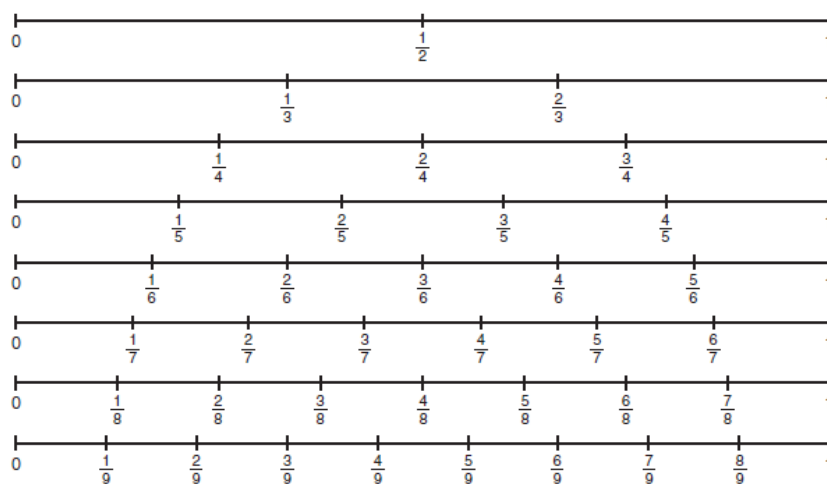
a)  $\frac{1}{2}$

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

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

Use a ruler to align the fractions if it helps.

Use a ruler to align the fractions if it helps.



7. 184  
 9. 45, 8, 10, 11, 12

7. 190  
 a, c ; 3, 4 a, c

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

**Page 184, questions 4, 5, 8, 10, 11, 12**

**Page 109, questions 3, 4**

→ \* Find CD - common den.  
 Draw the # line

3b)