1) ~~BEDM~~AS: 6 + 2 - 4

2) 91 - 8 = 83 8 - 4 = 4

3) ½ Of 21 = 10.5

4) 2300 ÷ 10 = 230

5) 54 ÷ 9 = 6

6) 96 X 100 = 9600

7) 106 X 2 = 212

8) 13 X 20 = 260

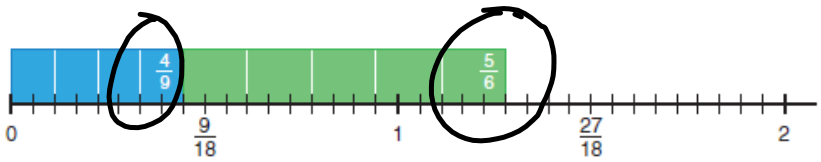
9) 8002 ÷ 2 = 4001

10) Add a digit to make this number divisible by 3

375 378

372

376

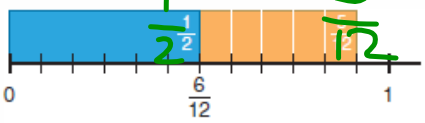


$$\frac{4_{\times 2}}{9_{\times 2}} + \frac{5_{\times 3}}{6_{\times 3}}$$

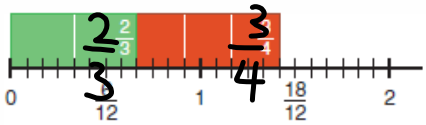
$$\frac{8}{18} + \frac{15}{18} = \frac{23}{18} = 1\frac{5}{18}$$

3. Write an addition equation for each picture.

a)



b)



a) $\frac{1 \times 6}{2 \times 6} + \frac{5}{12}$

$\frac{6}{12} + \frac{5}{12} = \frac{11}{12}$

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

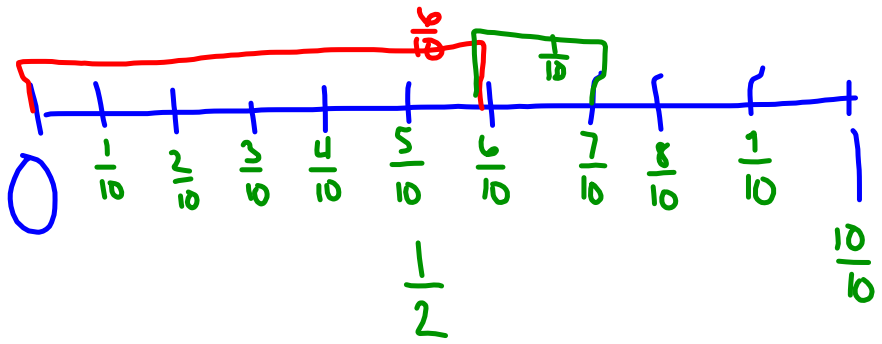
$\frac{8}{12} + \frac{9}{12} = \frac{17}{12} = 1\frac{5}{12}$

Draw a number line for the following fractions:

b) $\frac{7}{12} + \frac{1}{3}$ c) $\frac{3}{5} + \frac{1}{10}$

$\frac{6}{10} + \frac{1}{10} = \frac{7}{10}$

1) Find CD (common denominator)



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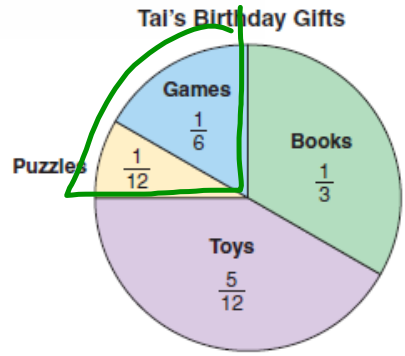
8. Each guest at Tai's birthday party brought one gift.
The circle graph shows the gifts Tai received.



a) What fraction of the gifts were:
   i) toys or books?
   ii) puzzles or toys?
   iii) games or puzzles?
   iv) books or games?

b) Which 2 types of gifts represent $\frac{1}{4}$ of all the gifts?
Explain how you know.

a) i) $\frac{9 \div 3}{12 \div 3} = \frac{3}{4}$ ✓ (X)

ii) $\frac{6 \div 6}{12 \div 6} = \frac{1}{2}$

iii) $\frac{3 \div 3}{12} = \frac{1}{4}$

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

b) G + P

$\frac{1}{12} + \frac{1+2}{6+2}$

$1+2=3$, $\frac{3}{12} = \frac{1}{4}$

Subtraction of Fractions Using Fraction Strips

Example

Subtract: $\frac{5}{8} - \frac{1}{4}$

A Solution

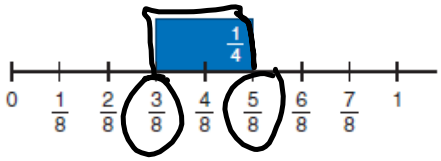
$\frac{5}{8} - \frac{1}{4}$

Think addition.

What do we add to $\frac{1}{4}$ to get $\frac{5}{8}$?

Use a number line that shows equivalent fractions for eighths and fourths. That is, use the eighths number line.

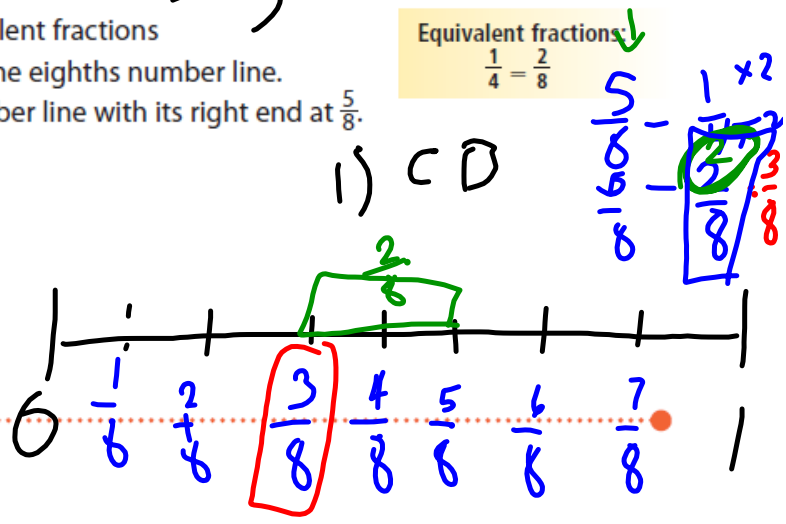
Place the $\frac{1}{4}$-strip on the eighths number line with its right end at $\frac{5}{8}$.



The left end of the strip is at $\frac{3}{8}$.

So, $\frac{5}{8} - \frac{1}{4} = \frac{3}{8}$

Equivalent fractions: $\frac{1}{4} = \frac{2}{8}$



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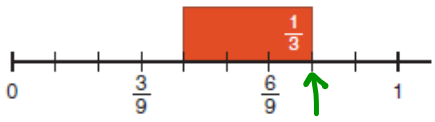
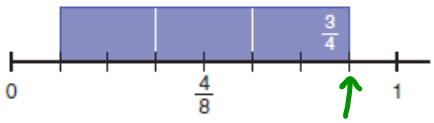
5. Write a subtraction equation for each picture.

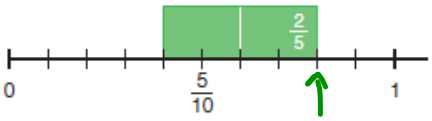
a)



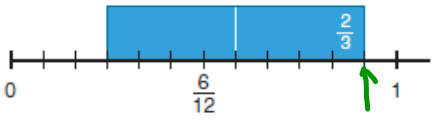
b)



c)



d)

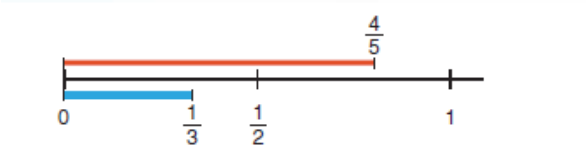


5a) $\frac{7}{9} - \frac{1}{3} \times \frac{3}{3}$

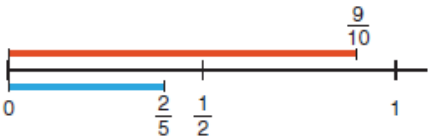
$\frac{7}{9} - \frac{3}{9} = \frac{4}{9}$

b) $\frac{7}{8} - \frac{3}{4} \times \frac{2}{2}$

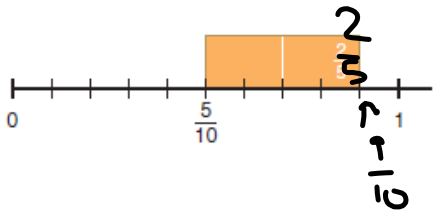
$\frac{7}{8} - \frac{6}{8} = \frac{1}{8}$



$t\frac{4}{5} - \frac{1}{3}$

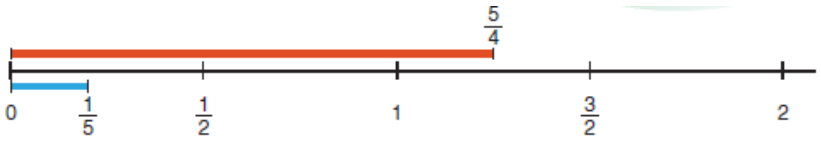


$\frac{9}{10} - \frac{2}{5}$



$\frac{9}{10} - \frac{2}{5} \times 2$

$\frac{9}{10} - \frac{4}{10} = \frac{5}{10} \div 5 = \frac{1}{2}$



$\frac{5}{4} - \frac{1}{5}$

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Worksheet packet...