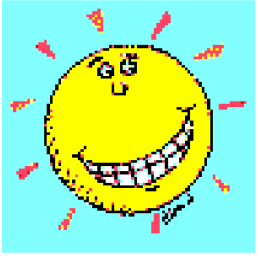


Warm up Gr 7

Date: Nov 3, 2026



Jim spend 4 1/6 hours on his phone. Betty Spends 6 2/3 on her phone.

a) How much time they spend on the phones in total? Adding

b) How much longer did Betty use her phone than Jim? subtract

a) $4\frac{1}{6} + 6\frac{2}{3}$

$4 + 6 + \frac{1}{6} + \frac{2}{3}$ C.D

$10 + \frac{1}{6} + \frac{4}{6}$

$10 + \frac{5}{6}$

$10\frac{5}{6}$

In total they spent $10\frac{5}{6}$ hour on their phones.

OR

$\frac{25}{6} + \frac{20}{3}$ x2

C.D.

$\frac{25}{6} + \frac{40}{6}$

$\frac{65}{6}$ Improper

$10\frac{5}{6}$ Mixed

b) Big - Small

$6\frac{2}{3} - 4\frac{1}{6}$

$\frac{20}{3} - \frac{25}{6}$

$\frac{40}{6} - \frac{25}{6}$

$\frac{15}{6}$

$2\frac{3}{6}$ Reduces

$2\frac{1}{2}$

OR

$6\frac{2}{3} - 4\frac{1}{6}$

$6 - 4 \quad \frac{2}{3} - \frac{1}{6}$ C.D

$2 \quad \frac{4}{6} - \frac{1}{6}$

$2 \quad \frac{3}{6}$

$2 \quad \frac{1}{2}$

Betty used her phone $2\frac{1}{2}$ hours more

$\frac{3 \cdot 3}{8 \cdot 3} + \frac{1 \cdot 4}{6 \cdot 4}$ ← C.D.

$\frac{9}{24} + \frac{4}{24}$

$\frac{13}{24}$

$\frac{3 \cdot 6}{8 \cdot 6} \rightarrow \frac{1 \cdot 8}{6 \cdot 8}$

$\frac{18}{48} + \frac{8}{48}$

$\frac{26}{48}$ $\div 2$ Reduce $\div 2$

$\boxed{\frac{13}{24}}$

Go over homework
pg. 207 # 1 orally, #2 and 4 have students put on the board

3. $\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$

a) $2\frac{2}{3} - \frac{1}{2}$

$2\frac{1}{6}$

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

$1\frac{1}{6}$

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

$2\frac{1}{6}$

d) $5\frac{2}{3} - 1\frac{1}{2}$

$4\frac{1}{6}$

a) $2\frac{2}{3} - \frac{1}{2}$

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

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

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

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

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

d) $5\frac{2}{3} - 1\frac{1}{2}$

$5\frac{4}{6} - 1\frac{3}{6} = 4\frac{1}{6}$

4. a) $\frac{7}{2} - \frac{5}{4}$

$\frac{14}{4} - \frac{5}{4}$

$\frac{9}{4}$

b) $\frac{13}{6} - \frac{8}{12}$

$\frac{26}{12} - \frac{8}{12}$

$\frac{18}{12}$ or $\frac{3}{2}$

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

$\frac{25}{20} - \frac{12}{20}$

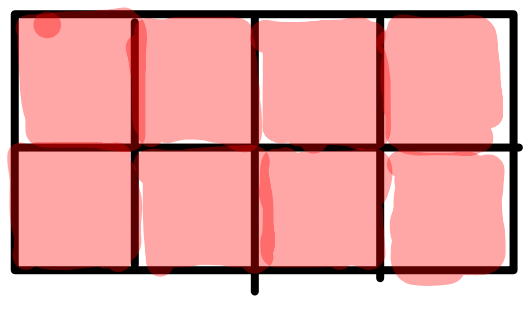
$\frac{13}{20}$

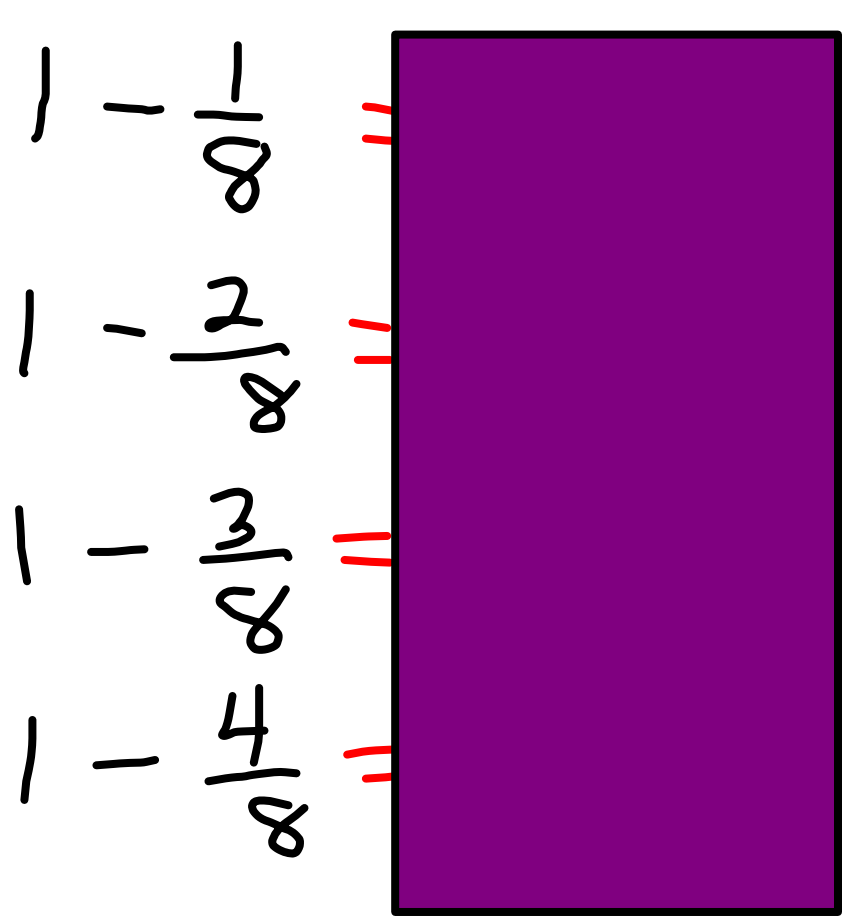
d) $\frac{9}{5} - \frac{1}{2}$

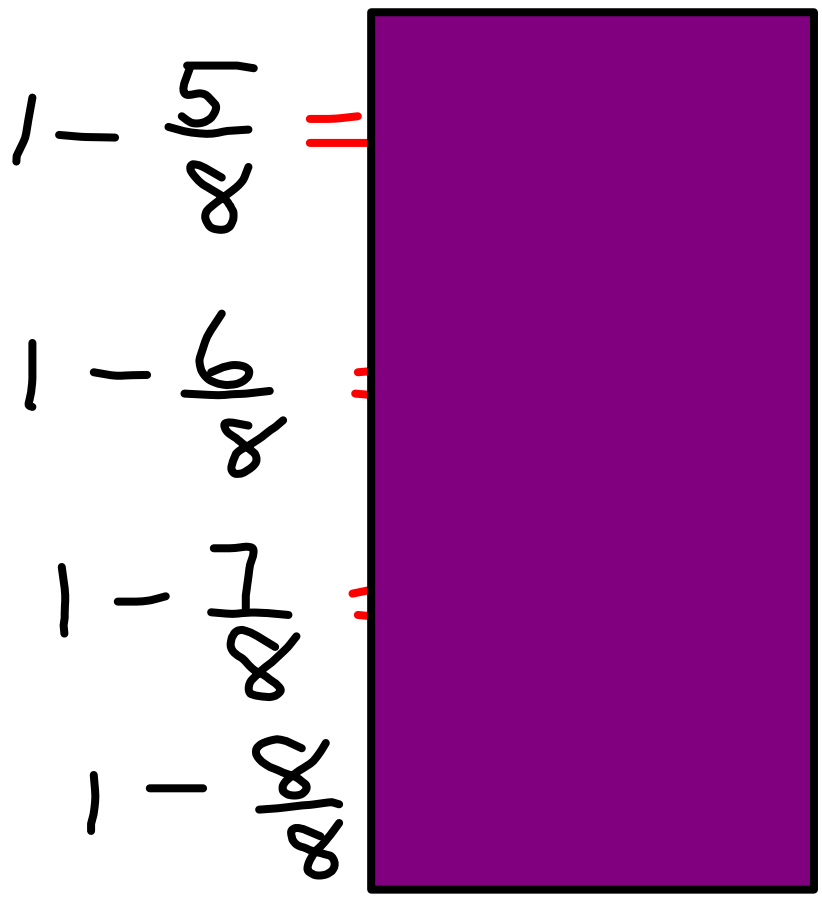
$\frac{18}{10} - \frac{5}{10}$

$\frac{13}{10}$

5.






$1 - \frac{3}{5} = \frac{2}{5}$

$1 - \frac{11}{12} = \frac{1}{12}$

$1 - \frac{4}{9} = \frac{5}{9}$

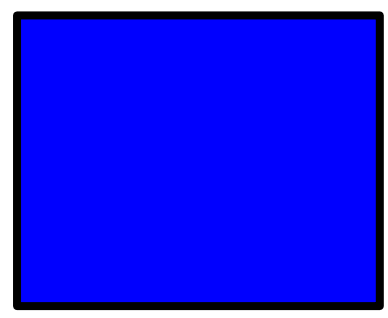
$1 - \frac{13}{20} = \frac{7}{20}$

$1 - \frac{7}{10} = \frac{3}{10}$

$2 - \frac{1}{3} = 1\frac{2}{3}$ or $\frac{5}{3}$

5 a) $\frac{3}{1} - \frac{4}{5} = 2\frac{1}{5}$

$\frac{15}{5} - \frac{4}{5} = \frac{11}{5}$



b) $4 - \frac{3}{7} = 3\frac{4}{7}$

$\frac{28}{7} - \frac{3}{7} = \frac{25}{7}$

c) $5 - \frac{5}{6} = 4\frac{1}{6}$

$\frac{30}{6} - \frac{5}{6} = \frac{25}{6}$

d) $6 - \frac{4}{9} = 5\frac{5}{9}$

$\frac{54}{9} - \frac{4}{9} = \frac{50}{9}$

Pg 207

7 (i) $3\frac{3}{5} - 1\frac{3}{10}$

$3\frac{6}{10} - 1\frac{3}{10}$

$3-1 \quad \frac{6}{10} - \frac{3}{10}$

$2\frac{3}{10}$

OR

$3\frac{3}{5} - 1\frac{3}{10}$

C.D.

$\frac{18}{5}^{\times 2} - \frac{13}{10}$

$\frac{36}{10} - \frac{13}{10} = \frac{23}{10} = 2\frac{3}{10}$

(ii) $3\frac{3}{10} - 1\frac{3}{5}$

$3\frac{3}{10} - 1\frac{6}{10}$

$2\frac{13}{10} - 1\frac{6}{10}$

$1\frac{7}{10}$

$3\frac{3}{10} - 1\frac{3}{5}$

$\frac{33}{10} - \frac{8}{5}$

$\frac{33}{10} - \frac{16}{10}$

$\frac{17}{10}$

8. $\frac{3}{8} + \frac{7}{10}$

$\frac{15}{40} + \frac{28}{40} = \frac{43}{40}$

$2\frac{1}{2} - \frac{43}{40}$

$\frac{5}{2} - \frac{43}{40}$

$\frac{100}{40} - \frac{43}{40} = \frac{57}{40}$ or $1\frac{17}{40}$ left

9. $2\frac{1}{6} - 1\frac{1}{4}$

$\frac{13}{6} - \frac{5}{4}$

$\frac{26}{12} - \frac{15}{12} = \frac{11}{12}$

(55 min left)

10a) $3\frac{2}{3} - 2\frac{7}{8}$

$\frac{11}{3} - \frac{23}{8}$

$\frac{88}{24} - \frac{69}{24}$

$\frac{19}{24}$

b) $5\frac{1}{2} - 3\frac{7}{9}$

$\frac{11}{2} - \frac{34}{9}$

$\frac{99}{18} - \frac{68}{18}$

$\frac{31}{18}$ or $1\frac{13}{18}$

c) $4\frac{3}{5} - 1\frac{2}{3}$

$\frac{23}{5} - \frac{5}{3}$

$\frac{69}{15} - \frac{25}{15}$

$\frac{44}{15}$ or $2\frac{14}{15}$

10d) $4\frac{2}{5} - 1\frac{7}{8}$

$4\frac{16}{40} - 1\frac{35}{40}$

$3\frac{56}{40} - 1\frac{35}{40}$

$2\frac{21}{40}$

$\frac{22}{5} - \frac{15}{8}$

$\frac{176}{40} - \frac{75}{40}$

$\frac{101}{40}$

11a) $5\frac{1}{8} - 3\frac{2}{3}$

$\approx 5 - 3\frac{1}{2}$ about $1\frac{1}{2}$ more

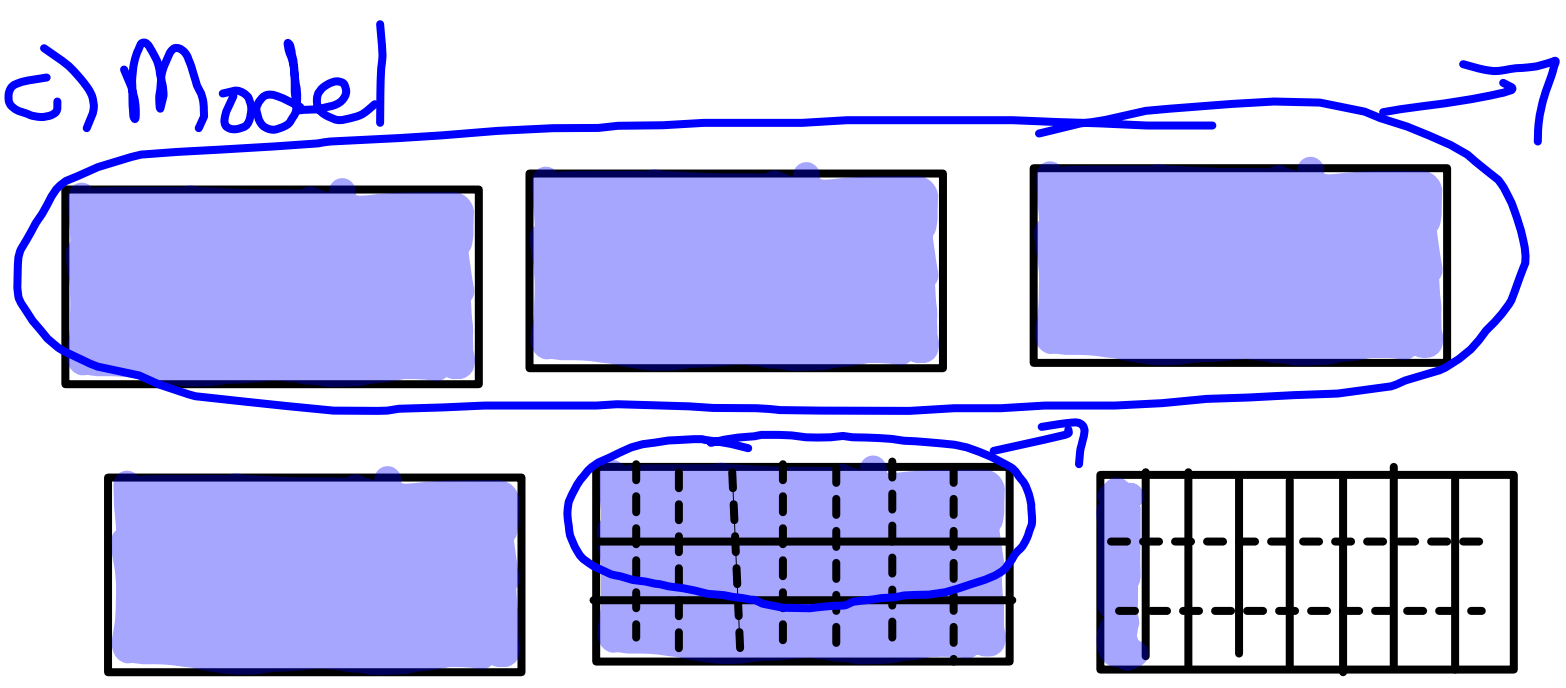
b) $5\frac{1}{8} - 3\frac{2}{3}$

$\frac{41}{8} - \frac{11}{3}$

$\frac{123}{24} - \frac{88}{24}$

$\frac{35}{24}$ or $1\frac{11}{24}$

c) Model



$1\frac{11}{24}$

d) $5\frac{1}{8} + 3\frac{2}{3}$

$5\frac{3}{24} + 3\frac{16}{24}$

$8\frac{19}{24}$

$10 - 8\frac{19}{24}$

$10 - 8 = 2$

$2 - \frac{19}{24} = 1\frac{5}{24}$

12. $4\frac{1}{8} - \square = 1\frac{1}{2}$

$\frac{3}{2}$

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

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

$3\frac{9}{8} - 1\frac{4}{8}$

$2\frac{5}{8}$

$\square = 2\frac{5}{8}$ or $\frac{21}{8}$

$\frac{33}{8} - \square = \frac{12}{8}$

$4 - __ = 3$

so $4 - 3 = __$

or

$3 + __ = 4$

# Test tomorrow

Test Thursday Nov 5

Today is a work period. Review Page 212 from textbook.

Then work on Page 213-214

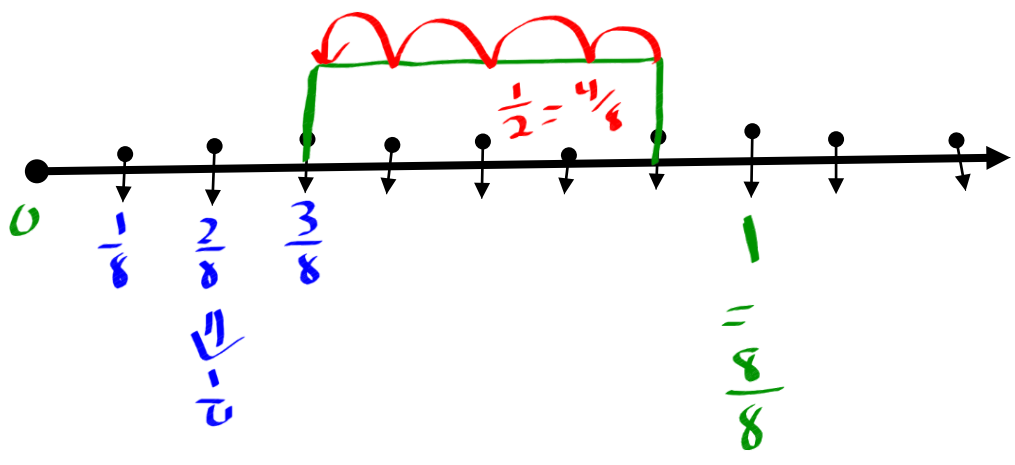
Common denominators

#4,#5, #6, #8, #9, #11, #12, #14, #15, #17, #18, #19

Answers on Page 365

You are to work on this in class and if you feel like you know it by the end of class you do not have complete for HW. Study tonight.

Answers are in the back of your textbook on page 365




Box End − Size Box = Start

$\frac{7}{8} - \frac{4}{8}$

$\frac{3}{8}$