

7th Grade
Oct 29, 2020

Please get out your THQ and video notes from Tuesday.

Today we will:
-review video notes
-practice on white boards
-begin HW

I still need a binder check from: Gabe



HOMEWORK:

Complete WS from text

ALEKS-60 minutes
due by 11:59pm Nov 2



$$\frac{3}{6} + \frac{5}{6} = \frac{8}{6} = 1\frac{2}{6} = 1\frac{1}{3}$$

$$\frac{2}{9} + \left(-\frac{4}{9}\right) = -\frac{2}{9}$$

$$-\frac{11}{12} + \frac{7}{12} = \frac{-4}{12} \div \frac{4}{4} = \left(-\frac{1}{3}\right)$$

$$\underline{3}\frac{\underline{3}}{8} + \underline{6}\frac{\underline{5}}{8} = 9\frac{\cancel{8}}{8} = 10$$

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

$$-\frac{5}{9} + \frac{1}{6} =$$

$$4\frac{3}{8} + 10\frac{5}{12} =$$

$$14\frac{19}{24}$$

$$LCD = 24$$

$$\frac{3}{8} \times \frac{3}{3} = \frac{9}{24}$$

$$\frac{5}{12} \times \frac{2}{2} = \frac{10}{24}$$

$$\frac{2}{15} - \frac{7}{15} =$$

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

$$12 \frac{5}{9} - 1 \frac{1}{9} = 11 \frac{4}{9}$$

$$5 \frac{1}{8} - 1 \frac{7}{8} = 3 \frac{2}{8} = 3 \frac{1}{4}$$

(Note: In the original image, the number 5 is crossed out with a green line, and a green arrow points from the 1 in the numerator to the 8 in the denominator, with the text $\frac{4}{8}$ written above it. The final result $3 \frac{1}{4}$ is circled in red.)

$$\frac{3}{5} - \frac{9}{10} =$$

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

$$\cancel{100} - 59\frac{7}{8} = 40\frac{1}{8}$$



Homework:

Do worksheet from text:

pg 123 #12-17 and
pg 129 #15-19.



$$-\frac{7}{20} + \frac{9}{20} = \frac{2}{20} \div 2$$

$$= \frac{1}{10}$$

$$-\frac{8}{35} + \frac{2}{5} =$$

LCD = 35

$$\frac{2}{5} \times \frac{7}{7} = \frac{14}{35}$$

$$-\frac{8}{35} + \frac{14}{35} = \frac{6}{35}$$

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

LCD = 10

$$8 + 3 = 11$$

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

$$\frac{4}{5} \times \frac{2}{2} = \frac{8}{10}$$

$$\frac{5}{10} + \frac{8}{10} = \frac{13}{10}$$

$$11\frac{13}{10} \rightarrow 12\frac{3}{10}$$

$$-4\frac{5}{9} + -7\frac{2}{3} = -11\frac{7}{9}$$

$$-4 + -7 =$$

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

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

$$\frac{2}{3} \times \frac{6}{6} = \frac{12}{18}$$

$$12\frac{1}{2} - 6\frac{3}{8} =$$



Independent Practice

Go online for Step-by-Step Solu

Find each sum or difference. Write in simplest form. (Examples 1–3)

$$12. \frac{5}{6} + \left(-\frac{4}{6}\right)$$

$$13. -\frac{11}{12} + \frac{7}{12}$$

$$14. \frac{3}{14} + \left(-\frac{5}{14}\right)$$

$$15. -\frac{3}{7} + \frac{6}{7}$$

$$16. 5\frac{1}{4} + 5\frac{1}{4}$$

$$17. 12\frac{5}{9} + \left(-1\frac{1}{9}\right)$$

$$18. \frac{2}{15} - \frac{7}{15}$$

$$19. \frac{5}{11} - \frac{7}{11}$$

Find each sum or difference. Write in simplest form. (Examples 1 and 3)

$$14. -\frac{8}{35} + \frac{2}{5}$$

$$15. \frac{5}{7} + \left(-\frac{10}{21}\right)$$

$$16. -\frac{5}{8} + \left(-\frac{8}{9}\right)$$

$$17. -\frac{1}{3} + \left(-\frac{10}{11}\right)$$

$$18. \frac{7}{8} - \frac{2}{5}$$

$$19. \frac{1}{6} - \frac{5}{7}$$