

7th Grade
Nov 2, 2020

Please get out your homework from Friday.

Today we will:

- review HW
- do 2 examples with borrowing
- begin HW

I still need a binder check from: Gabe

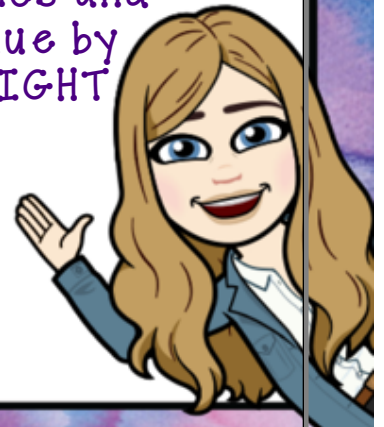


HOMWORK:

Complete WS

Test and binder check on Wednesday!!!

ALEKS-5 topics and 60 minutes due by 11:59pm TONIGHT



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

$$12. \frac{5}{6} + \left(-\frac{4}{6}\right) \frac{1}{6} \quad \frac{5}{6}$$

$$13. -\frac{11}{12} + \frac{7}{12} -\frac{1}{3}$$

$$14. \frac{3}{14} + \left(-\frac{5}{14}\right) -\frac{1}{7}$$

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

$$16. 5\frac{1}{4} + 5\frac{1}{4} 10\frac{1}{2}$$

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

$$18. \frac{2}{15} - \frac{7}{15} -\frac{1}{3}$$

$$19. \frac{5}{11} - \frac{7}{11} -\frac{2}{11}$$

$$12 - 1 = 11$$

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

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

$$14. -\frac{8}{35} + \frac{2}{5} \frac{6}{35}$$

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

$$16. -\frac{5}{8} + \left(-\frac{8}{9}\right) -1 \frac{37}{72}$$

$$17. -\frac{1}{3} + \left(-\frac{10}{11}\right) -1 \frac{8}{33}$$

$$18. \frac{7}{8} - \frac{2}{5} \frac{19}{40}$$

$$19. \frac{1}{6} - \frac{5}{7} -\frac{23}{42}$$

$$\frac{1}{6} \times \frac{7}{7} = \frac{7}{42}$$

$$\frac{5}{7} \times \frac{6}{6} = \frac{30}{42}$$

$$-\frac{23}{42}$$

$$\frac{5}{8} \times \frac{9}{9} = \frac{45}{72}$$

$$-\frac{64}{72}$$

$$-\frac{109}{72} = -1 \frac{37}{72}$$

Ch. 3 Examples ~~Nov. 2~~ Nov. 2

$$8 = 7 \frac{12}{12}$$

$$8 \frac{3}{12} = 7 \frac{15}{12}$$

$$\begin{array}{r} 30 \\ -18 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 8 \frac{3}{12} \\ - \\ \hline 7 \frac{5}{12} \end{array}$$

$$\begin{array}{r} 8 \frac{3}{12} = \frac{99}{12} \\ - \frac{10}{12} \\ \hline \frac{89}{12} \\ = 7 \frac{5}{12} \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array}$$

$$\begin{array}{r} 7 \frac{5}{12} \\ 12 \overline{)89} \\ \underline{-84} \\ 5 \end{array}$$



$$\begin{array}{r} 6 \\ - 5 \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad \rightarrow \frac{24}{4} \\ - 5 \frac{1}{4} \quad \rightarrow \frac{21}{4} \\ \hline \end{array}$$



Name _____ # _____ Date _____

7th Grade MATH WORKSHEET

Ch3 Lessons 5 and 6: Adding/Subtracting Fractions

Complete the work inside the boxes under the problem. Circle your answer.

1.

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

↓ ↓

$$8\frac{1}{10} + 3\frac{8}{10}$$

Add

2.

$$-10\frac{2}{3} + 9\frac{7}{12}$$

↓

$$-10\frac{2}{12} + 9\frac{7}{12} =$$

Subt.

3.

$$16\frac{5}{6} - 12\frac{1}{3}$$

Subt.

4.

$$-4\frac{1}{9} + 7\frac{2}{3}$$

Add

5.

$$-\frac{5}{6} + 8\frac{1}{4}$$

6.

$$\frac{9}{16} + 3\frac{5}{6}$$

7.

$$-5\frac{3}{5} + \left(-7\frac{1}{6}\right)$$

8.

$$-10\frac{1}{2} - 6\frac{5}{7}$$

9.

Sybrina wants to make a 17-inch necklace with a $\frac{3}{4}$ -inch bead, a $1\frac{1}{2}$ -inch bead, and another $\frac{3}{4}$ -inch bead on it. What is the length of the remaining part of the necklace? (Example 4)

10.

Kenzie is making three desserts for a party. The recipes call for $\frac{2}{3}$ cup sugar, $1\frac{5}{6}$ cups sugar, and $2\frac{3}{4}$ cups sugar. If she has 6 cups of sugar, how much sugar will she have left over?

11.

The length of a page in a yearbook is 10 inches. The top margin is $\frac{1}{2}$ inch, and the bottom margin is $\frac{3}{4}$ inch. What is the length of the page inside the margins?

12.

In a college dormitory, $\frac{1}{10}$ of the residents are juniors and $\frac{2}{5}$ of the residents are sophomores. What fraction of the students at the dormitory are juniors and sophomores?