HOMEWORK: DAY 1

Directions:
Add the following fractions. Remember to first convert mixed numbers into improper fractions before adding. After finding the sum, don’t forget to convert back to a mixed number and simplify your fractions!

1. \( \frac{1}{3} + \frac{1}{3} = \) 
2. \( \frac{2}{3} + \frac{2}{3} = \)

3. \( \frac{5}{7} + \frac{4}{7} = \) 
4. \( \frac{2}{6} + \frac{2}{6} = \)

5. \( \frac{4}{9} + \frac{1}{9} = \) 
6. \( \frac{2}{7} + \frac{3}{7} = \)

7. \( 2\frac{2}{5} + \frac{1}{5} = \) 
8. \( \frac{4}{9} + 7\frac{2}{9} = \)

Directions:
Solve the story problem below by adding the fractions.

1. Talia has \( \frac{2}{5} \) of a batch of cookies left. Rocco has \( \frac{4}{5} \) of his batch of cookies left. If Talia and Rocco combine their cookies, how many batches of cookies will they have in all?
HOMEWORK: DAY 2

Directions:
Add the following fractions. Before you add, remember to convert any mixed numbers into improper fractions. After you add, make sure to convert the improper fraction into a mixed number for your final answer. Don’t forget to simplify the answer!

1. \( \frac{5}{6} + \frac{2}{6} = \)

2. \( \frac{3}{8} + \frac{1}{8} = \)

3. \( \frac{3}{10} + 2 \frac{4}{10} = \)

4. \( 1 \frac{3}{12} + \frac{5}{12} = \)

5. \( \frac{7}{9} + 2 \frac{2}{9} = \)

6. \( 2 \frac{5}{16} + 4 \frac{1}{16} = \)
HOMEWORK: DAY 3

Directions:
Subtract the following fractions. Remember, when subtracting fractions with like denominators, the denominator stays the same and you subtract only the numerators.

1. \( \frac{2}{3} - \frac{1}{3} = \) 
2. \( \frac{4}{3} - \frac{1}{3} = \)
3. \( \frac{7}{8} - \frac{4}{8} = \) 
4. \( \frac{3}{6} - \frac{2}{6} = \)
5. \( \frac{5}{8} - \frac{3}{8} = \) 
6. \( 3 \frac{5}{9} - 1 \frac{2}{9} = \)
7. \( 2 \frac{3}{5} - \frac{1}{5} = \) 
8. \( 4 \frac{5}{6} - \frac{3}{6} = \)

Directions:
Solve the story problem below by subtracting the fractions.

1. Deron had \( \frac{8}{9} \) of his Halloween candy left over. He gave his sister \( \frac{2}{9} \) of his Halloween candy. Now how much Halloween candy does Deron have left?
HOMEWORK: DAY 4
Directions:
Subtract the following fractions.

1. \[\frac{4\,10}{12} - \frac{2\,2}{12} = \]

2. \[\frac{3\,13}{16} - \frac{2\,5}{16} = \]

3. \[\frac{5\,9}{10} - \frac{5\,4}{10} = \]

Writing in Math!
List the steps you must take to convert a mixed number into an improper fraction. Use an example while explaining your answer.
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