Adding and subtracting fractions

Grade 4 Word Problems Worksheets

Read and answer each question:

Ms. Bloom is one of the Grade 4 teachers in the school.

1. On Friday, many of the students were missing in her class. \( \frac{1}{8} \) of the class went to a basketball tournament and \( \frac{1}{8} \) of the class called in sick. What fraction of the class was in school?

2. Ms. Bloom has \( \frac{15}{16} \) of a pack of construction papers at her desk. Ms. Bloom takes another 2 new packs of construction papers to the class for an art project. The students use \( 1 \frac{3}{16} \) pack for the art project. How many packs of construction papers are left?

3. Ms. Bloom had \( 4 \frac{7}{12} \) boxes of pencils but \( 2 \frac{1}{12} \) boxes of the pencils was broken. After she threw out the broken pencils, how many boxes of pencils were left?

4. Ms. Bloom brought 4 packs of treats for Halloween. She gave away \( 2 \frac{1}{9} \) packs of treats to her class and gave away \( \frac{5}{9} \) packs of treats to the 2 classes of kindergarten students that came to her class for trick-or-treating. How many packs of treats did she have left?

5. Ms. Bloom received \( 2 \frac{1}{7} \) bags of chocolate for Valentine’s from her class and \( \frac{5}{7} \) of a bag of chocolates from a few students from last year’s class. She shared \( 1 \frac{2}{7} \) with other teachers and took the rest of the chocolate home. How many bags of chocolate did she take home?

6. Ms. Bloom spent \( 1 \frac{5}{12} \) hours in preparing for her class and spent \( 2 \frac{1}{12} \) hours teaching the class. Later that day, she spent \( 1 \frac{11}{12} \) hours cleaning her work desk at home. How much time did she spend on working this day?
Answers

1. \(1 - \frac{1}{8} - \frac{1}{8} = \frac{6}{8} \text{ (or } \frac{3}{4})\)

\(\frac{3}{4}\) of the class was in school.

2. \(\frac{15}{16} + 2 - 1\frac{3}{16} = 1\frac{12}{16} \text{ (or } 1\frac{3}{4})\)

1\(\frac{3}{4}\) pack of construction papers are left.

3. \(4\frac{7}{12} - 2\frac{1}{12} = 2\frac{6}{12} \text{ (or } 2\frac{1}{2})\)

2\(\frac{1}{2}\) boxes of pencils were left.

4. \(4 - 2\frac{1}{9} - \frac{5}{9} = 1\frac{3}{9} \text{ (or } 1\frac{1}{3})\)

She had 1\(\frac{1}{3}\) bag of treats left.

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

She took home 1\(\frac{4}{7}\) bag of chocolates.

6. \(1\frac{5}{12} + 2\frac{1}{12} = 3\frac{6}{12} \text{ (or } 3\frac{1}{2})\)

She spent 3\(\frac{1}{2}\) hours on working.