

Adding and subtracting fractions

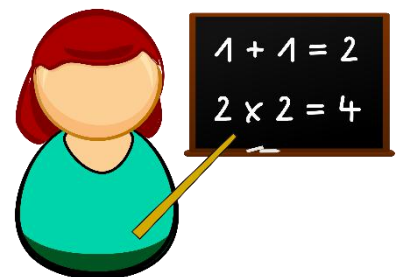
Grade 4 Word Problems Worksheet

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 were 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

- $1 - \frac{1}{8} - \frac{1}{8} = \frac{6}{8}$ (or $\frac{3}{4}$)
 $\frac{3}{4}$ of the class was in school.
- $\frac{15}{16} + 2 - 1\frac{3}{16} = 1\frac{12}{16}$ (or $1\frac{3}{4}$)
 $1\frac{3}{4}$ pack of construction papers are left.
- $4\frac{7}{12} - 2\frac{1}{12} = 2\frac{6}{12}$ (or $2\frac{1}{2}$)
 $2\frac{1}{2}$ boxes of pencils were left.
- $4 - 2\frac{1}{9} - \frac{5}{9} = 1\frac{3}{9}$ (or $1\frac{1}{3}$)
She had $1\frac{1}{3}$ bag of treats left.
- $2\frac{1}{7} + \frac{5}{7} - 1\frac{2}{7} = 1\frac{4}{7}$
She took home $1\frac{4}{7}$ bag of chocolates.
- $1\frac{5}{12} + 2\frac{1}{12} = 3\frac{6}{12}$ (or $3\frac{1}{2}$)
She spent $3\frac{1}{2}$ hours on working.