



Grade 4

Topic: Adding Mixed Numbers

Instructions

Convert the mixed numbers into improper fractions. Find a common denominator if needed. Add the fractions together. Convert the result back into a mixed number if necessary.

Worksheet: Adding Mixed Numbers - Extended Practice

Section 1: Fill in the Blanks

Fill in the missing numbers to complete the addition of mixed numbers.

1. $3\frac{1}{4} + 2\frac{3}{4} = \text{---}$

2. $5\frac{2}{5} + 1\frac{3}{5} = \text{---}$

3. $7\frac{5}{8} + 2\frac{1}{8} = \text{---}$

4. $4\frac{3}{6} + 3\frac{2}{6} = \text{---}$

5. $6\frac{4}{9} + 5\frac{5}{9} = \text{---}$

6. $9\frac{2}{7} + 3\frac{5}{7} = \text{---}$

7. $12\frac{1}{3} + 7\frac{2}{3} = \text{---}$

Section 2: Word Problems

Solve each problem and write your final answer in mixed number form.

1. Sara baked $4\frac{2}{5}$ cakes, and Emma baked $3\frac{3}{5}$ cakes. How many cakes did they bake in total?
2. Tom cycled $6\frac{1}{2}$ miles in the morning and $4\frac{3}{4}$ miles in the evening. How far did he cycle in total?
3. A construction worker built $9\frac{3}{8}$ meters of a wall on Monday and $7\frac{5}{8}$ meters on Tuesday. What is the total length of the wall?
4. A farmer harvested $15\frac{2}{7}$ bushels of wheat in one season and $12\frac{3}{7}$ bushels in the next season. How many bushels did he harvest in total?
5. A runner jogged $5\frac{3}{9}$ miles on Monday, $7\frac{5}{9}$ miles on Tuesday, and $6\frac{2}{9}$ miles on Wednesday. What is the total distance covered?
6. A teacher bought $8\frac{5}{6}$ kilograms of flour for a cooking class, then purchased $6\frac{1}{3}$ kilograms later. How much flour does she have in total?
7. A garden has $4\frac{1}{2}$ meters of flower beds on one side and $5\frac{3}{4}$ meters on another. What is the total length of the flower beds?
8. A warehouse received $14\frac{5}{12}$ tons of goods in the morning and $10\frac{7}{12}$ tons in the afternoon. What is the total weight of the goods?

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