

Homework

Activity 1

Find the mixed numbers that need to be simplified, then simplify.

1. $3\frac{2}{4}$

2. $5\frac{1}{2}$

3. $1\frac{6}{8}$

4. $5\frac{1}{4}$

5. $4\frac{3}{6}$

6. $9\frac{8}{13}$

7. $6\frac{7}{9}$

8. $7\frac{6}{9}$

9. $10\frac{4}{8}$

Activity 2

Solve and simplify.

1. $3\frac{1}{9} - 1\frac{4}{9}$

2. $1\frac{5}{8} + 4\frac{6}{8}$

3. $2\frac{2}{3} + 3\frac{3}{6}$

4. $9\frac{1}{4} - 7\frac{5}{6}$

Activity 3

Solve the word problems.

It is time to clean the floor in the kitchen. It is covered with dirt and grease. Randy is the piano player for the Scatter Plots. He is going to clean and wax the floor.

- Randy mixes $1\frac{1}{2}$ cups of liquid detergent with $2\frac{3}{4}$ cups of water. He pours both into a bucket to make a cleaning mixture. How much liquid does he have in his bucket?
- What is the difference between the amount of detergent and the amount of water that Randy used for his mixture?

Activity 4 • Distributed Practice

Solve.

1. $\frac{1}{2} + \frac{3}{4}$

2. $\frac{3}{6} - \frac{2}{9}$

3. $\frac{5}{8} \cdot \frac{4}{5}$

4. $\frac{6}{9} \div \frac{2}{3}$

Convert the improper fractions to mixed numbers.

5. $\frac{11}{4}$

6. $\frac{10}{6}$

7. $\frac{13}{2}$

8. $\frac{9}{2}$