



Mid-Chapter Checkpoint


Personal Math Trainer

 Online Assessment
and Intervention

Vocabulary

Choose the best term from the box.

- A _____ is a number that is a multiple of two or more numbers. (p. 369)
- A _____ is a common multiple of two or more denominators. (p. 369)

Vocabulary

equivalent fractions

common denominator

common multiple

Concepts and Skills

Estimate the sum or difference. (5.NF.A.2)

3. $\frac{8}{9} + \frac{4}{7}$

4. $3\frac{2}{5} - \frac{5}{8}$

5. $1\frac{5}{6} + 2\frac{2}{11}$

Use a common denominator to write an equivalent fraction for each fraction. (5.NF.A.1)

6. $\frac{1}{6}, \frac{1}{9}$ common denominator: _____

7. $\frac{3}{8}, \frac{3}{10}$ common denominator: _____

8. $\frac{1}{9}, \frac{5}{12}$ common denominator: _____

Use the least common denominator to write an equivalent fraction for each fraction. (5.NF.A.1)

9. $\frac{2}{5}, \frac{1}{10}$ least common denominator: _____

10. $\frac{5}{6}, \frac{3}{8}$ least common denominator: _____

11. $\frac{1}{3}, \frac{2}{7}$ common denominator: _____

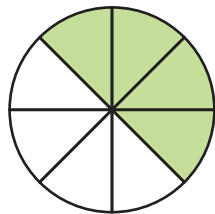
Find the sum or difference. Write your answer in simplest form. (5.NF.A.1)

12. $\frac{11}{18} - \frac{1}{6}$

13. $\frac{2}{7} + \frac{2}{5}$

14. $\frac{3}{4} - \frac{3}{10}$

15. Mrs. Vargas bakes a pie for her book club meeting. The shaded part of the diagram below shows the amount of pie left after the meeting. That evening, Mr. Vargas eats $\frac{1}{4}$ of the whole pie. What fraction represents the amount of pie remaining? (5.NF.A.2)



-
16. **GO DEEPER** Keisha makes a large sandwich for a family picnic. She takes $\frac{1}{2}$ of the sandwich to the picnic. At the picnic, her family eats $\frac{3}{8}$ of the whole sandwich. What fraction of the whole sandwich does Keisha bring back from the picnic? (5.NF.A.2)

-
17. Mike is mixing paint for his walls. He mixes $\frac{1}{6}$ gallon blue paint and $\frac{5}{8}$ gallon green paint in a large container. What fraction represents the total amount of paint Mike mixes? (5.NF.A.2)
-