

**VOCABULARY**numerator
mixed number
unit fraction**► Vocabulary**

Choose the best term from the box.

1. A fraction that represents one equal part of a whole is a(n) _____. (Lessons 6-1)
2. A number that consists of a whole number and a fraction is a(n) _____. (Lesson 6-4)

► Concepts and Skills

3. Explain how to change $\frac{11}{4}$ to a mixed number. (Lesson 6-4)

4. Elias says the problem below is an addition problem. Vladimir says it is a multiplication problem. Explain why both boys are correct. (Lessons 6-3, 6-7)

Milo practices piano $\frac{2}{3}$ hour every day. How many hours does he practice in 3 days?

Complete. (Lessons 6-1, 6-2, 6-3)

5. $\frac{3}{5} = \frac{1}{5} + \frac{1}{5} +$ _____
6. $\frac{7}{7} = \frac{2}{7} +$ _____
7. $\frac{6}{8} = \frac{4}{8} +$ _____

Write each fraction as a product of a whole number and a unit fraction. (Lessons 6-7, 6-8, 6-9)

8. $\frac{3}{8} =$ _____
9. $\frac{5}{9} =$ _____

Multiply. (Lesson 6-7, 6-8, 6-9)

10. $6 \cdot \frac{1}{5} =$ _____
11. $9 \cdot \frac{1}{3} =$ _____
12. $12 \cdot \frac{3}{4} =$ _____
13. $5 \cdot \frac{4}{7} =$ _____



Solve. (Lessons 6-3, 6-4, 6-5, 6-6)

14. $\frac{2}{5} + \frac{1}{5} =$ _____

15. $\frac{7}{9} - \frac{2}{9} =$ _____

16. $\frac{12}{7} + \frac{5}{7} =$ _____

17. $\frac{5}{6} - \frac{4}{6} =$ _____

18. $6\frac{4}{10} - 5\frac{3}{10} =$ _____

19. $4\frac{3}{4} + 3\frac{1}{4} =$ _____

20.
$$\begin{array}{r} 6\frac{4}{7} \\ + 2\frac{6}{7} \\ \hline \end{array}$$

21.
$$\begin{array}{r} 5\frac{4}{9} \\ - 1\frac{7}{9} \\ \hline \end{array}$$

22.
$$\begin{array}{r} 3 \\ - 1\frac{2}{5} \\ \hline \end{array}$$

► Problem Solving

Draw a model. Then solve.

23. There is $\frac{3}{4}$ gallon of punch in a bowl. Katie added some punch. Now there is $2\frac{1}{4}$ gallons in the bowl. How much did Katie add? (Lessons 6-5, 6-6, 6-9)
- _____

24. Raul ran $\frac{4}{5}$ mile on Tuesday. He ran 4 times this far on Saturday. How far did Raul run on Saturday? (Lessons 6-7, 6-8, 6-9)
- _____

25. The line plot shows the lengths of the beads Rachel bought at the bead store today. What is the difference in length between the shortest bead and the longest bead? (Lessons 6-6)
- _____

