

VOCABULARY

common denominator
decimal number
equivalent fractions
line plot

► **Vocabulary**

Choose the best term from the box.

1. _____ are two or more fractions that represent the same part of a whole. (Lesson 7-4)
2. A graph that shows data on a number line is a _____. (Lesson 7-7)
3. A _____ is separated by a decimal point and shows the whole-number part on the left and the fraction part on the right. (Lesson 7-9)

► **Concepts and Skills**

4. Leonard bought a large water bottle and Natasha bought a small water bottle. They each drank $\frac{1}{2}$ of their bottles. Did they drink the same amount? Explain. (Lesson 7-3)

5. Explain how to compare $\frac{3}{4}$ and $\frac{3}{5}$. (Lesson 7-1)

6. Is $\frac{1}{4}$ equivalent to $\frac{3}{8}$? Explain. (Lesson 7-4)



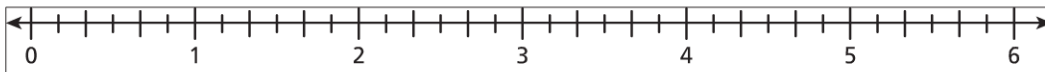
Simplify each fraction. (Lesson 7-5)

7. $\frac{9}{12} =$ _____

8. $\frac{15}{40} =$ _____

9. Write 5 fractions that are equivalent to $\frac{1}{5}$. (Lesson 7-4)

10. Label the point for each fraction or mixed number with the corresponding letter. (Lesson 7-2)



a. $1\frac{2}{3}$ b. $5\frac{1}{6}$ c. $\frac{1}{2}$ d. $3\frac{5}{6}$ e. $4\frac{1}{3}$

Which fraction is closest to 4? _____

Write each number in decimal form. (Lessons 7-9, 7-11)

11. seventy-four hundredths

12. $8\frac{3}{10}$

13. $12\frac{4}{100}$

14. twenty-one and thirty-five hundredths

Write $>$, $<$, or $=$ to make each statement true. (Lessons 7-6, 7-10, 7-12)

15. $\frac{3}{4} \bigcirc \frac{8}{12}$

16. $\frac{2}{3} \bigcirc \frac{6}{9}$

17. $0.7 \bigcirc 0.75$

18. $0.4 \bigcirc 0.25$

19. $8.04 \bigcirc 8.40$

20. $50.07 \bigcirc 5.70$

► Problem Solving

Solve.

21. A farm stand sells cartons of blueberries by weight. The stand weighs each carton to determine its price. The data show the weights of the cartons of blueberries that the stand is selling. (Lesson 7-7)

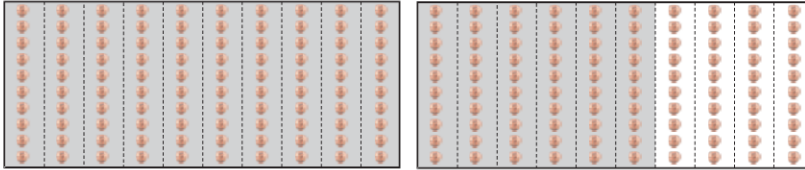
a. Make a line plot to display the data.

Weight (in pounds)	Number of Cartons
$\frac{1}{4}$	2
$\frac{1}{2}$	3
$\frac{3}{4}$	5
1	3
$1\frac{1}{4}$	1

b. What general statement can you make about the weights of the blueberry cartons?



22. The shaded part of the model represents the number of pennies Nate has in his jar. Write the number of pennies Nate has in his jar as a fraction and as a decimal. (Lesson 7-8) *Show your work.*



23. A pad of paper has 100 sheets. Helena has 4 full pads and 53 loose sheets of paper. What decimal number represents the number of sheets of paper Helena has? (Lesson 7-11)

24. Vaughn bought 10 tomato seedlings. He has 7 seedlings that are cherry tomatoes and the rest are plum tomatoes. What decimal number shows the fraction of tomatoes that are plum tomatoes? (Lesson 7-9)

25. **Extended Response** Four track team members run in the 200-meter relay race. Kaya ran 200-meters in 31.09 seconds. Both Sara and Min ran 200-meters in 31.9 seconds. Lana ran the race in 31.90 seconds. Did all of the team members run the race in the same amount of time? Explain. (Lesson 7-12)

