Name Date Time

Practice Set 64

SRB 124

Solve.

Graph A

Graph B

Graph C

1. Susan deposited $45 every week during a five-week period. After three weeks, she had a little more than $200. Which graph depicts her account value?

_____

2. If Susan continued making regular weekly deposits, about how much money would she have in her account after nine weeks?

_____

3. Tom withdrew $75 every week for five weeks. Which graph depicts his account value?

_____

4. If Tom continued making regular withdrawals, at what point will Tom run out of money?

_____

5. After five weeks of regular deposits, Julian's account balance was $450. Which graph depicts his account value?

_____

6. If Julian continued making regular weekly deposits, how long would it take him to save $1,000?

_____

Name Date Time

Practice Set 64 *continued*

SRB 6 13-15 73 222

COMPUTATION PRACTICE **Solve.**

7. 300 − 600

8. 62,473 + 5,268

9. 253 + 253

10. 2,352 − 967

11. 2,675 + 1,006

12. 35 − 63

13. 264 + 658

14. 12,965 − 1,583

15. 4,322 − 3,362

16. How much is $\frac{5}{8}$ of 32¢? _____

17. How much is $\frac{2}{12}$ of 54¢? _____

18. How much is $\frac{1}{10}$ of $8.30? _____

19. How much is $\frac{1}{3}$ of $3.60? _____

20. How much is $\frac{2}{5}$ of $2.20? _____

21. How much is $\frac{6}{3}$ of 27¢? _____

Complete.

22. 3^4 = _____

23. $5^{\square} = 3{,}125$

24. 6 * 6 * 6 * 6 = _____

25. 10 to the fourth power = _____

Rewrite the number sentences with parentheses to make them correct.

26. 43 − 24 − 8 = 27 _____

27. 19 − 35 − 8 = −8 _____

28. 6 * 9 + 3 * 14 = 1,008 _____

29. 240 = 10 * 6 + 18 _____

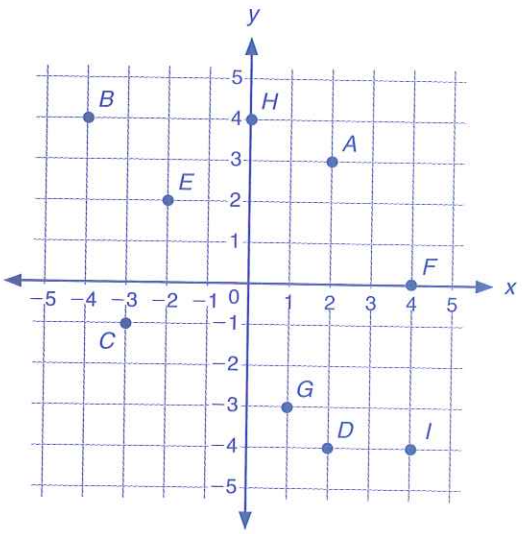
30. 370 = 5 * 9 + 65 _____

Name _____ Date _____ Time _____

Practice Set 65

SRB 208

Write the ordered pair for each point.



1. A _____ **2.** C _____

3. E _____ **4.** G _____

Name the point for each ordered pair.

5. (0,4) _____ **6.** (−4,4) _____

7. (4,−4) _____ **8.** (2,−4) _____

Write the next three numbers in each pattern.

9. 40, 80, 160, _____, _____, _____

10. 9, 18, 36, _____, _____, _____

11. $\frac{6}{4}, \frac{12}{4}, \frac{24}{4}$, _____, _____, _____

12. $\frac{1}{8}, \frac{3}{8}, \frac{5}{8}$, _____, _____, _____

13. −0.8, −0.3, 0.2, _____, _____, _____

14. 6.5, 3.25, 0, _____, _____, _____

Write the amounts.

15. (Q)(Q)(Q)(D)(D)(N)(N)(P)(P)(P) _____

16. [$1](Q)(Q)(Q)(D)(D)(N)(N)(N)(P)(P) _____

17. [$1][$1][$1][$1][$1][$1][$1](Q)(N) _____

Name Date Time

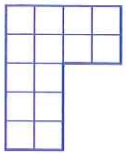
Practice Set 66

SRB 188–191, 208

Calculate the areas of the figures below.

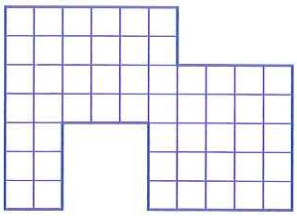
1. Scale: Each square = 1 square inch

Area = _____ in^2



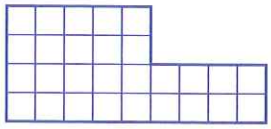
2. Scale: Each square = 1 square foot

Area = _____ ft^2



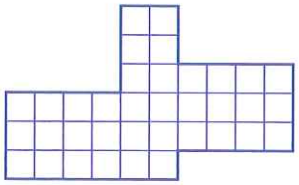
3. Scale: Each square = 1 square centimeter

Area = _____ cm^2



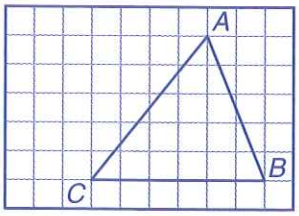
4. Scale: Each square = 1 square meter

Area = _____ m^2



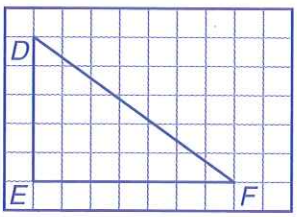
5. Scale: Each square = 1 square meter

Area of triangle *ABC* = _____ m^2



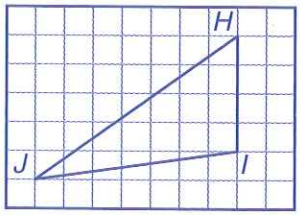
6. Scale: Each square = 1 square inch

Area of triangle *DEF* = _____ in^2



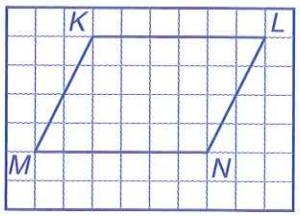
7. Scale: Each square = 1 square foot

Area of triangle *HIJ* = _____ ft^2



8. Scale: Each square = 1 square mile

Area of *KLMN* = _____ square miles



Name Date Time

Practice Set 66 *continued*

SRB 139–146 208

Plot and label the point for each ordered pair on the coordinate grid.

9. *G* (7,7)

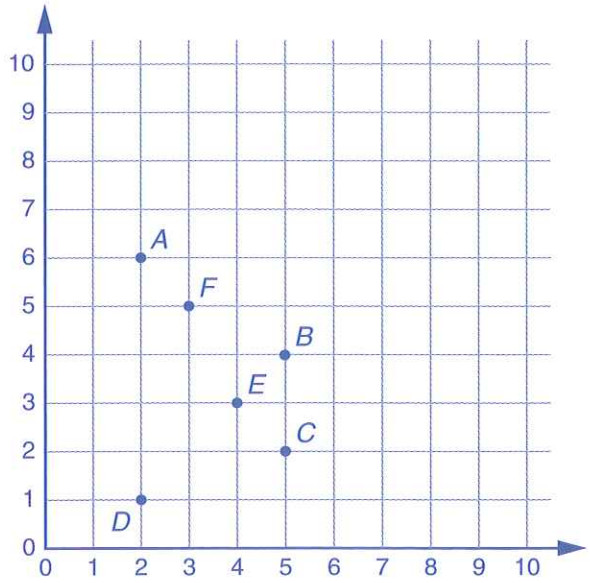
10. *H* (9,8)

11. *I* (0,10)

12. *J* (10,0)

13. *K* (9,9)

14. *L* (0,0)



Write the ordered pair for each point on the coordinate grid.

15. *A* (_____, _____)

16. *B* (_____, _____)

17. C (_____, _____)

18. D (_____, _____)

19. E (_____, _____)

20. F (_____, _____)

Complete.

21. Draw $\overline{AF}$. Draw $\overline{EC}$. What is the relationship between $\overline{AF}$ and $\overline{EC}$?

_____

22. Draw $\overline{AD}$. What kind of angle is angle *DAF*? _____

23. Draw $\overline{BD}$. What is the relationship between $\overline{BD}$ and $\overline{EC}$?

_____

24. Connect points *A, B, C,* and *D*. What type of polygon is *ABCD*? _____

25. Name the two parallel sides in polygon *ABCD*. _____

26. What is the sum of the angles in polygon *ABCD*? _____

27. **Writing/Reasoning** Explain how you found the answer to Problem 26.

_____

_____

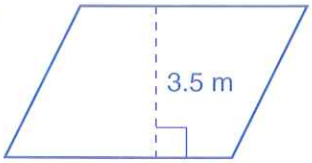
Name Date Time

Practice Set 67

SRB 119 158 189–193

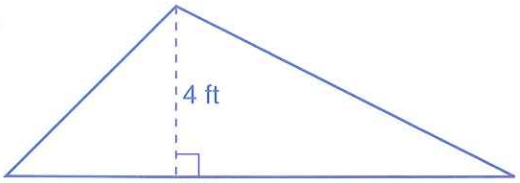
Find the area.

1.



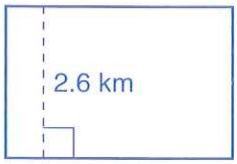
_____

2.



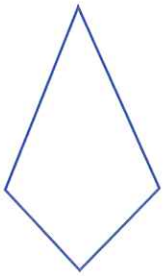
_____

3.



_____

4. **Writing/Reasoning** Describe how this shape would look after it is translated.



_____

_____

_____

Use the following list of numbers to answer the questions.

18.5, 16.25, 15.75, 13.5, 19.25, 11.5, 22.5, 14.25, 11.5

5. What is the range? _____

6. What is the mode? _____

7. What is the median? _____

8. What is the mean? _____

Name Date Time

Practice Set 67 *continued*

SRB 13–20 231 232 397

COMPUTATION PRACTICE **Solve.**

9. $375 * 24$

10. $65.9 + 93.6$

11. $41.70 + 2.57$

12. $3.88 - 2.92$

13. $12 * 18$

14. $63 - 73$

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

16. $\frac{14}{8} - \frac{1}{16}$

17. $634 + 274$

18. $3{,}435 + 285$

19. $28 * 9$

20. $378 * 5$

Complete the "What's My Rule?" tables.

21.

Rule
out = in + $\frac{1}{4}$

in	out
$\frac{1}{4}$	
$\frac{1}{2}$	
$\frac{3}{4}$	
$\frac{2}{8}$	
$\frac{5}{8}$	

22.

Rule
out = in − 1.1

in	out
2.7	
3.3	
	1.4
2.4	
8	6.9

Complete.

23. 84 days = _____ weeks

24. 16 weeks = _____ months

25. 2.5 hours = _____ seconds

26. 360 minutes = _____ hours

27. 10% of a day = _____ minutes

28. 180 seconds = _____ minutes

Name Date Time

Practice Set 68

SRB 195–197

1. Write the formula for the volume of a rectangular prism.

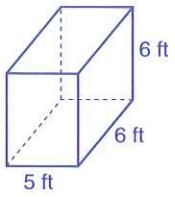
_____

What does each letter in the formula represent?

_____

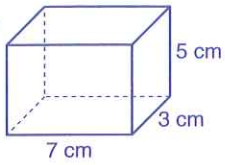
Find the volume of each rectangular prism below.

2.



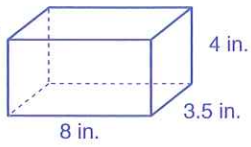
$V =$ _____ ft^3

3.



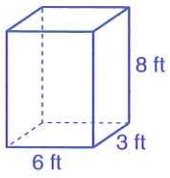
$V =$ _____ cm^3

4.



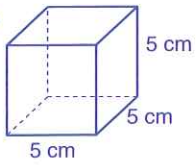
$V =$ _____ in^3

5.



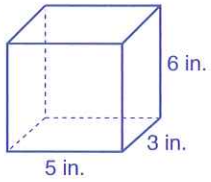
$V =$ _____ ft^3

6.



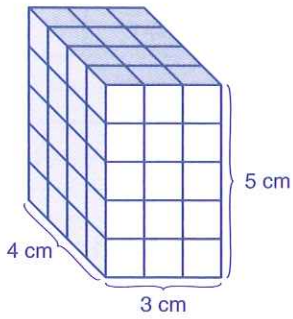
$V =$ _____ cm^3

7.



$V =$ _____ in^3

8.

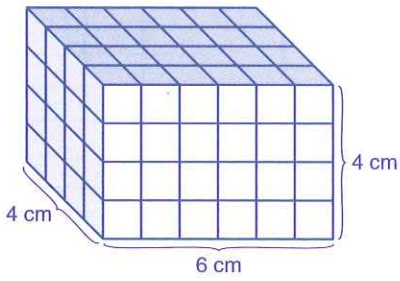


Area of base = _____ cm^2

Volume of first layer = _____ cm^3

Volume of entire cube structure = _____ cm^3

9.



Area of base = _____ cm^2

Volume of first layer = _____ cm^3

Volume of entire cube structure = _____ cm^3

Use the division rule to find equivalent fractions.

10. $\frac{3}{9} =$ _____ **11.** $\frac{24}{60} =$ _____ **12.** $\frac{27}{30} =$ _____ **13.** $\frac{9}{21} =$ _____

Name Date Time

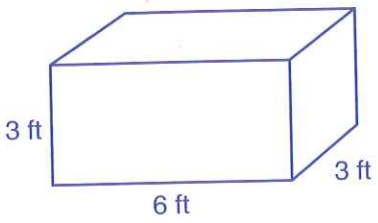
Practice Set 69

SRB 195–197

Find the volume of each prism. Include the units.

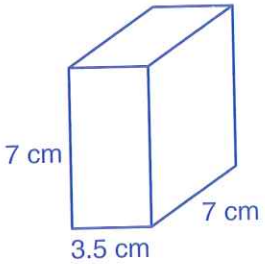
Volume = length * width * height
Volume = area of base * height

1.



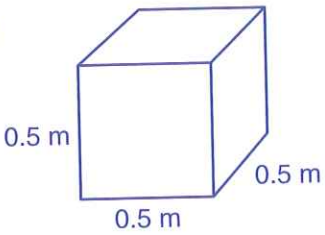
$V =$ _____

2.



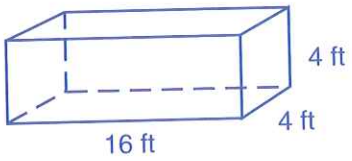
$V =$ _____

3.



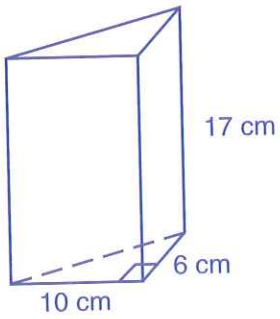
$V =$ _____

4.



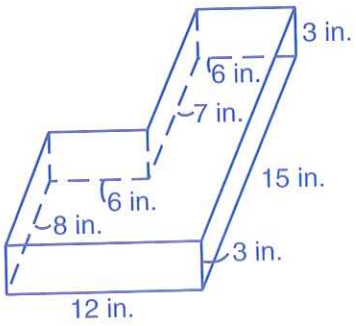
$V =$ _____

5.



$V =$ _____

6.



$V =$ _____

Use with or after Lesson 9•9.

Name Date Time

Practice Set 69 *continued*

SRB 106–110

Write the next three numbers in each pattern.

7. −15, −10, −5, _____, _____, _____

8. 0.04, 0.06, 0.08, _____, _____, _____

9. 0.44, 0.68, 0.92, _____, _____, _____

Use the information in the table to answer the questions below. Round to the nearest whole number.

Year	U.S. Population	Number of Children Ages 5 to 14
1900	76,000,000	17,000,000
1990	255,000,000	28,000,000

10. In 1900, about what percent of the population was 5 to 14 years old? _____

11. About what percent of the population was 5 to 14 years old in 1990? _____

12. About how many times larger was the entire U.S. population in 1990 than in 1900? _____

13. About how many times larger was the population of 5- to 14-year olds?

_____

14. Did the ratio of children to the U.S. population increase or decrease from 1900 to 1990? _____

15. **Writing/Reasoning** Why do you think the ratio in Problem 14 changed? Explain your answer.

_____

_____

16. 76,000,000 can be written using scientific notation as 7.6×10^7. Write all other numbers in the table, using scientific notation.

_____

Name Date Time

Practice Set 70

SRB 183 184 189 397

Complete.

1. 3 L = _____ mL

2. 150 cm^3 = _____ mL

3. 0.5 L = _____ mL

4. 4,200 cm^3 = _____ L

5. 1 gal = _____ qt

6. 3 qt = _____ pt

7. 96 oz = _____ qt

8. 3 c = _____ oz

9. Find the area of each rectangle below. Write a number model to represent each.

Example Rectangle *A*: 2 * 5 = 10 square units