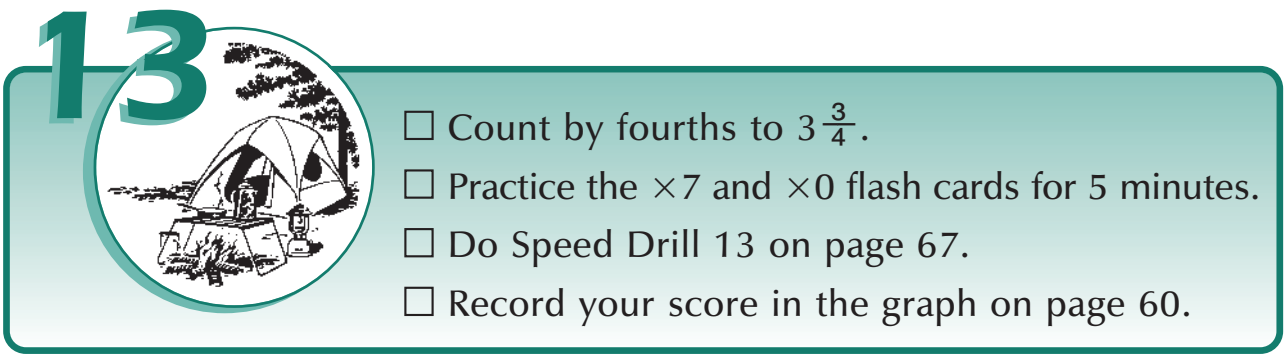


13

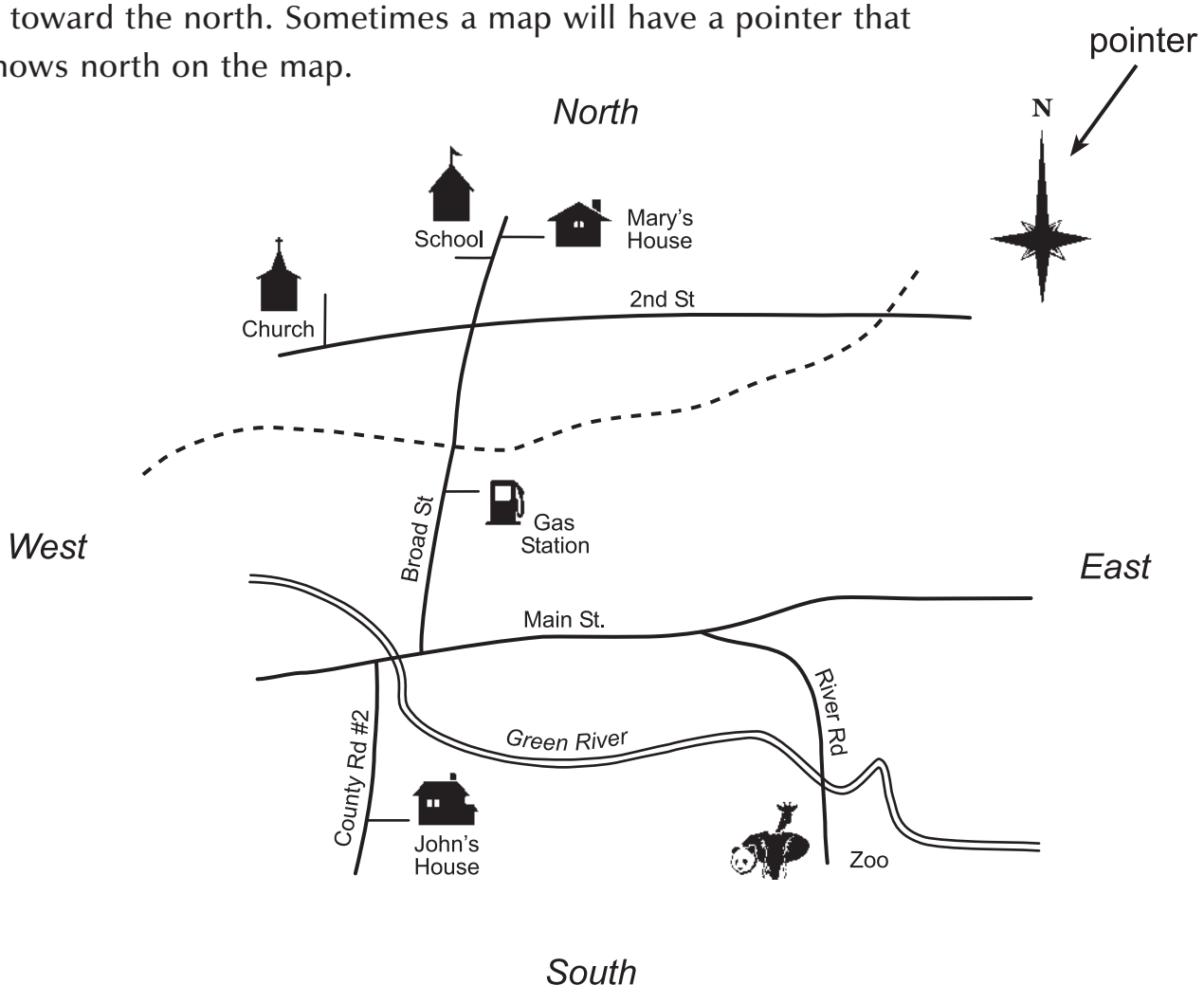
- ☐ Count by fourths to $3\frac{3}{4}$.
- ☐ Practice the ×7 and ×0 flash cards for 5 minutes.
- ☐ Do Speed Drill 13 on page 67.
- ☐ Record your score in the graph on page 60.

Read to your teacher.

△ 6.5 $9\frac{6}{8}$ 402,003 $\frac{4}{7}+\frac{2}{7}=\frac{6}{7}$ $\frac{4}{4}=1$ $\frac{2}{3}<1$ 480,506

Follow the Map

A map shows where places are located. Usually the top of the map is toward the north. Sometimes a map will have a pointer that shows north on the map.



The **legend** tells what the lines and symbols mean on a map.

Look at the map on page 46 to fill in the blanks.

1. If a train travels from west to east, which two streets does it cross?

   _____ and _____

2. Second Street intersects _____ Street.

3. True or false? John must cross the river to get on Main Street.

   _____

4. Which two directions must Mary travel to get to church?

   _____ and _____

We Remember

Write the sums or differences.

5.	32,801	307	69,023	27,933	397
	− 4,273	−259	−46,570	25,197	1,425
				+ 45	+ 81

Fill in the blanks. Use your reference chart if you need it.

6. The distance from the outside of a circle to its center is called the _____ .

7. The distance across a circle through its center is called the _____ .

Lesson 13

Solution

8. "Shh," said Dad. "See the beaver in the dam?" The beaver and its mate had built a dam 25 yards long. How many feet long was the dam?

_____ _____

Solution

9. A newborn beaver is fifteen inches long. It will grow to be an adult forty inches long. How many inches does the beaver grow from the time it is newborn to adult size?

_____ _____

Fill in the blanks.

10. 1 yr = _____ wk 1 kg = _____ g 1 mi = _____ ft

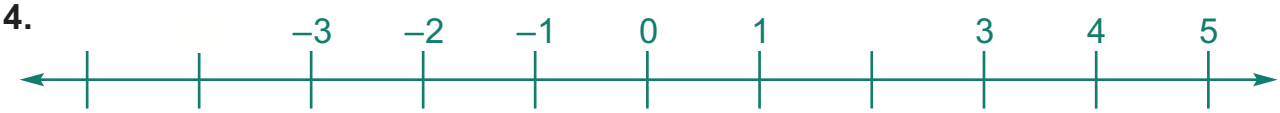
11. 1 qt = _____ pt 1 metric t = _____ kg 1 lb = _____ oz

12. 1 ft = _____ in 1 leap yr = _____ days 1 pt = _____ c

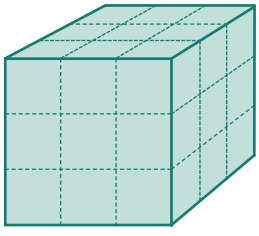
13. There are _____ meters in a kilometer.

Fill in the missing numbers on the number line.

14.



Write multiplication sentences to show the number of cubes.



15. ____ × ____ = ____ cubes in one layer

____ × ____ = ____ cubes all together

Underline what you would measure with kilometers.

16. the distance around a county

the distance around a playground

Solve.

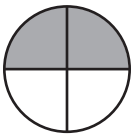
17.

743 × 8	432 × 4	546 × 9	4.6 + 5.4	7.0 + 4.6	8.2 − 1.3

Circle *true* **or** *false.*

18. Two quarters of the circle are shaded. **true** **false**

19. Three fourths of the circle is unshaded. **true** **false**

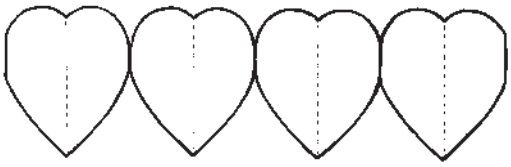


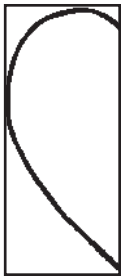
Follow the directions to make a symmetrical pattern.

△ **20.** Trace the pattern on another strip of paper.

21. Fold your paper like a fan.

22. Cut on the lines. Your pattern should look like this.





Fact Focus

23.

8 × 3	8 × 8	6 × 8	8 × 4	8 × 7	5 × 8

72 ÷ 9 = ____ 18 ÷ 9 = ____

63 ÷ 9 = ____ 27 ÷ 9 = ____

36 ÷ 9 = ____ 9 ÷ 9 = ____

0 ÷ 9 = ____ 81 ÷ 9 = ____

54 ÷ 9 = ____ 90 ÷ 9 = ____

24.

$8\overline{)80}$	$8\overline{)16}$	$8\overline{)72}$	$8\overline{)8}$

14

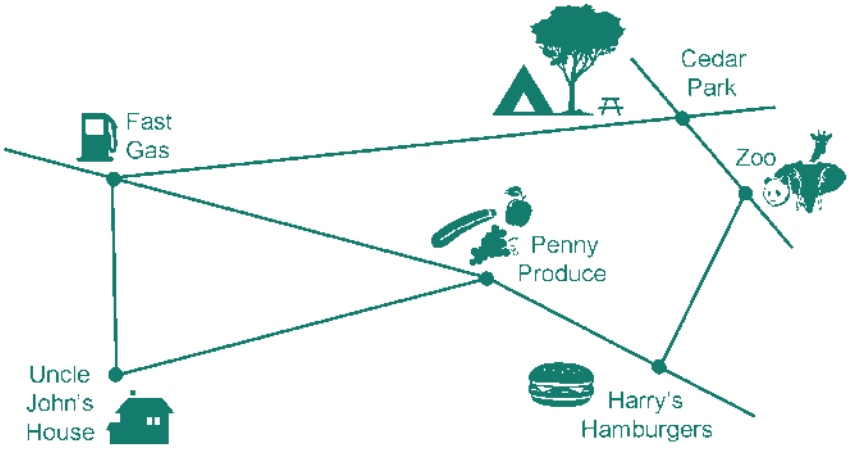
- ☐ Count by halves to $5\frac{1}{2}$.
- ☐ Practice the L and ×7 flash cards for 5 minutes.
- ☐ Do Speed Drill 14 on page 67.
- ☐ Record your score in the graph on page 60.

Maps With a Scale

When a map has a scale we can use a ruler to find distances on the map.

This map has a scale.

1 inch = 10 miles



Measure in inches to find how long the roads are between the places on the map. Multiply the inches by 10 to find the miles.

For example, measure from Uncle John's house to Penny Produce. It is 2 inches. 2 × 10 =20, so it is 20 miles from Uncle John's to Penny Produce.

Find how many miles there are from Fast Gas to Cedar Park.

1. How many inches long is the road from Fast Gas to Cedar Park?
   _____ inches
2. The scale of miles is 1 inch = 10 miles.
   Multiply the inches by 10. _____ × 10 = _____
3. The distance from Fast Gas to Cedar Park is _____ miles.

Finish the number sentences to find the distances.

4. From Penny Produce to Fast Gas

_____ in × _____ = _____ mi.

5. From Uncle John's house to Harry's Hamburgers is

_____ in × _____ = _____ mi. **Be careful! You must measure twice, then add.**

This map uses a scale of 1 cm = 5 km. Measure in cm, then multiply by 5 to find the kilometers. Write the number sentences to tell how many kilometers long each part of the map is.

6. Silver Lake Road

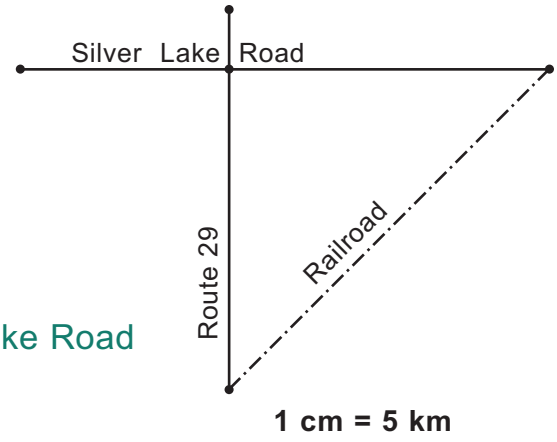
_____ cm × 5 = _____ km

7. Route 29

_____ cm × _____ = _____ km

8. Railroad between Route 29 and Silver Lake Road

_____ cm × _____ = _____ km



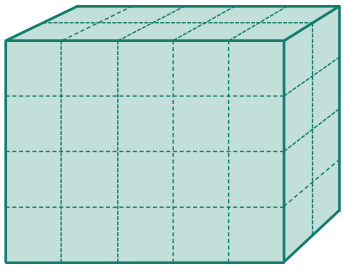
We Remember

Write the sums or differences. Check the fifth problem.

9.

2,576	92,631	371	23,692 96,528	7,692 438
−284	−54,572	−280	+47,263	+9,154

Write multiplication sentences to show the number of cubes.



10. ____ × ____ = ____ cubes in one layer

____ × ____ = ____ cubes in all

11. The Yellowstone River falls over two high waterfalls into the Grand Canyon of the Yellowstone. The first waterfalls is 110 feet high. The second one is 312 feet high. How far does the water fall from the top of the canyon to the bottom?

Solution

_____ _____

12. The Yoders were amazed at the geysers in the park. God causes them to throw up jets of hot water from deep inside the earth. The Giant throws its jet 61 meters high. Old Faithful rises as high as 52 meters. How much higher is the Giant than Old Faithful?

Solution

_____ _____

Solve. Circle equal groups to show the problem.

13. $6\overline{)19}$

15. $2\overline{)11}$

14. $3\overline{)20}$

16. $4\overline{)17}$

Fill in the blanks. Look back to pages 46 and 47 if you need help.

17. A _____ tells what the lines and symbols mean on a map.

18. A _____ shows north on the map.

Mental Math . . . ?

Rewrite each problem. Find the sum.

19. 24 + 39 = _____ + _____ = _____ 67 + 19 = _____ + _____ = _____

20. 58 + 29 = _____ + _____ = _____ 99 + 46 = _____ + _____ = _____

Subtract.

21. $\frac{5}{7} - \frac{2}{7} =$ _____ $\frac{11}{12} - \frac{6}{12} =$ _____ $\frac{6}{18} - \frac{3}{18} =$ _____

Solve.

22.

684	357	597	3.9	6.3	4.3
× 6	× 7	× 4	+ 1.8	− 1.4	− 2.7

Estimate each answer by rounding to the nearest 10. Then find the exact answer.

23.

29	Estimate	37	Estimate
+ 62		+ 49	

Fact Focus

24.

5	8	7	7	7	7
× 7	× 7	× 7	× 4	× 9	× 6

0 ÷ 9 = _____ 9 ÷ 9 = _____

72 ÷ 9 = _____ 45 ÷ 9 = _____

81 ÷ 9 = _____ 18 ÷ 9 = _____

90 ÷ 9 = _____ 63 ÷ 9 = _____

27 ÷ 9 = _____ 36 ÷ 9 = _____

25. $8\overline{)56}$ $8\overline{)32}$ $8\overline{)64}$ $8\overline{)72}$