Exponents - skill #15 write in expanded form.

solve:
(5)
$$2^5 = 37$$

(6) $5^3 = 125$
(7) $10^5 = 100,000$
(8) $(-1)^5 = -1$
(9) $4^2 = 16$
(9) $3^3 = 27$

Pg#84

.

SKIII

Give the coordinates of:



Name the point with the given coordinates.

7. (1, 5) _K	8 . (2, 10) <u> </u>
9. (6, 6) <u> </u>	10. (3, 4)
11. (8, 9) G	12. (9, 1) <u> </u>

Label the x-axis and the y-axis on the grid below. Graph these points and label them with the ordered pairs.

- **13**. (2, 3) **14**. (0, 5)
- **15.** (6, 4) **16.** (2, 0)
- **17.** (1, 3) **18.** (8, 9)



Locating Points with Ordered Pairs Practice 8 5 Scott, Foresman and Company



Complete the picture below by drawing the lines that begin and end with these points.

- 19. (9, 4) to (11, 6)
- 20. (3, 2) to (3, 4)
- 21. (3, 2) to (9, 2)





P23



Plotting Points





Graphing in the Coordinate Plane Reteaching 8 & Scott, Foresman and Company

Pg. # 87

skill #16

Use the double bar graph to find the number of books checked out each day.

- 1. Paperbacks on Tuesday 80
- 2. Hardbacks on Monday _____60_
- 3. Hardbacks on Friday _____40
- 4. Paperbacks on Friday _____
- 5. Paperbacks on Wednesday
- 6. Hardbacks on Tuesday 50
- 7. Total books on Tuesday 130
- 9. Total books on Thursday ______
- 11. On which days were more than 70 paperback books checked out?

Tuesday and Friday

13. What is the range of the data for hardback books?

50

Number of books

15. A clerk was asked to keep a record of the number of certain kinds of books sold during one week. Make a bar graph for his data.

Literature 78 Mystery 35 Computers 40 Languages 12

Frequency Tables and Bar Graphs Practice 8 F Scott, Foresman and Company

Books Checked Out



- 8. Total books on Friday _____
- 10. Total books on Monday 130
- 12. On which days were more hardback books than paperback books checked out?

wednesday and Thursday

14. What is the range of the data for paperback books?

20

Types of Books Sold



SKII #10 Name P107 U.S. Immigration (1861-1960) 9 8 Number of people (millions) 7 6 5 4 3 2 1 0 1861-1870 1911-1920 1871 1880 1891 1901-1910 1921. 1930 1881 1931 1941 1950 1951 1960 Decade Use the graph to answer each question. In which decade was immigration about 1921 - 1930 1911-1920 1. 4 million? 2. 6 million? About how many people immigrated in the decade 3 million 3. 1871-1880? million 5 4. 1881-1890? million I 5. 1941-1950? million 2 **6.** 1951–1960? million 8 7. What is the range for the data? _ 8. During which decade did immigration 1901-1910 increase the most? Broken-Line Graphs Practice & C Scott, Foresman and Company

Use after pages -267. Skill #16

A. The broken-line graph below shows the number of phones in the town of Knees Creek.

Name



Use the graph in Example A.

- 1. In which year were there about 36,500 telephones in Knees Creek?
- 2. How many telephones were there in Knees Creek in 1984?
- 3. What is the range of the data?

Use the graph in Example B.

- 4. On which day did Mary talk on the telephone for 60 minutes?
- 5. How long did Tom talk on the telephone on Monday?
- 6. On which days did Mary talk longer on the phone than Tom?

Broken-Line Graphs Reteaching 8 ¢ Scott, Foresman and Company

R107 B. Mrs. Lee recorded the amount of time Mary and Tom spent on the phone during one week.



Days of the week



Thursday 45 minutes

ues and Thurs

Use after pages 266-267 #9()

Skill #16

P108

The graphs show results of a general population survey of health habits.

 About how many people would you expect to eat breakfast daily in a town of 20,000?

12,000 people

2. About how many people would you expect to sometimes eat breakfast in a city of 500,000?

80,000 people

In a city of 1,500,000 people, how many would you expect to get

4. less than 7 hours of sleep per day?

322,500 people

5. 7 hours of sleep per day?

420,000 people

6. 8 hours of sleep per day?

5/0,000 people

7. 9 or more hours of sleep per day?

187,500

Circle Graphs Practice 8 C Scott, Foresman and Company

Do You Eat Breakfast? Never 24% Daily 50metimes 16%

3. How many degrees are in the central angle for 60%?



How Many Hours Do You Sleep per Day?



8. How many degrees are in the central angle for 12.5%?



Use after pages 268-269.



Use the pictures on the right to answer the questions.

Each number is written on a marble. The marbles are placed in a hat. One marble will be drawn from the hat at random.

What is the probability of drawing a marble with a number that is

1. a 24?	1.14
2. a prime number?	5:14
3. an 8 or a 16?	1:7
4. an even number?	4:7
5. an odd number?	3:7
6. a number less than 6?	2:7

The marbles are replaced by 13 cards. Each card has the name of one of the original 13 states. Find the probability of drawing a card that shows a state that

7.	begins with <i>W</i> .	0:13	8.	begins with <i>NEW</i> .	3:13
9.	ends in <i>g</i> .	0:13	10.	contains a vowel.	<u> 3: 3</u>
11.	begins with <i>M</i> .	2:13	12.	ends in <i>e</i> .	2:13
13.	 has fewer than 6 letters in its name. 			0:13	
14.	 has more than 6 letters in its name. 			13:B	
Probability Practice 8 € Scott, Foresman and Company					



	Delaware
3	Pennsylvania New Jersey Georgia Connecticut
3	Massachusetts Maryland South Carolina
3	New Hampshire Virginia New York North Carolina
3	Rhode Island
Use after pages 280-281.	

P114 Diane placed six cards with these shapes in a box. She chose one card at random, replaced it, and drew another. What is the probability that 1. both shapes were circles? 2. both shapes were triangles? 36 3. both shapes were parallelograms? 4. after three draws, all shapes were circles? 5. after three draws, all shapes were triangles? 6. the first draw was a circle, the second draw was a triangle, and the third 36 draw was a parallelogram? 7. the first draw was a circle, and the second draw was either a triangle or a parallelogram? 1 Then Diane numbered the triangles and lettered the circles and placed them in separate boxes. What is the 2 probability of drawing 8. an A and 9. a B and a 1 or a 2? a 1? A В 10. either an A or a C and a 1 or a 2? Independent Events Practice 8 \$ Scott, Foresman and Company Use afte

Maintenance

A box of 10 balls contains 2 red, 3 blue, and 5 green balls. If one ball is chosen at random, what is the probability of choosing

1. a red ball?
$$\frac{1}{5}$$

2. a blue ball? $\frac{3}{10}$
3. a green ball? $\frac{1}{2}$
4. a red ball or a blue ball? $\frac{1}{2}$

There are 28 students in Ms. King's class. 15 of the students are girls. If Ms. King calls on a student at random to work a problem, what is the probability that she will choose

5. a boy?
$$\frac{13}{28}$$

Use the table to give each answer.

If the same number of birds are to be seen at the same feeder this week, what is the probability that the next bird seen will be



Birds seen at feeder during past week		
Type of bird	Number of birds	
Sparrow	72	
Robin	6	
Bluebird	28	

Pg. ₩(

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Use after pages 316-317.



Angles and Angle Measurement Reteaching 8 C Scott, Foresman and Company

Name