9-3 Word Problem Practice
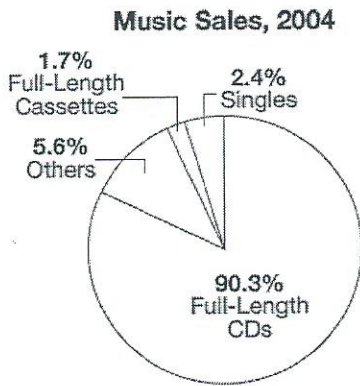
Circle Graphs

MUSIC **For Exercises 1 and 2, use the circle graph below that shows data about music sales in 2004.**

Music Sales, 2004

1.7%
Full-Length
Cassettes

2.4%
Singles

5.6%
Others

90.3%
Full-Length
CDs

INVESTMENTS **For Exercises 3–6, use the table below that shows how Mr. Broussard has invested his money.**

Investments	
Savings Account	$60,000
Money Market Account	$100,000
Mutual Funds	$140,000
Stocks	$500,000
Bonds	$200,000

1. What angle corresponds to the sector labeled "Others" in the circle graph? Explain how you found your answer.

2. Use the circle graph to describe music sales in 2004.

3. Explain how a circle graph could help you visualize the data in the table.

4. Determine the percent of Mr. Broussard's total investments that each type of investment represents.

5. Draw a circle graph to represent the data.

Mr. Broussard's Investments

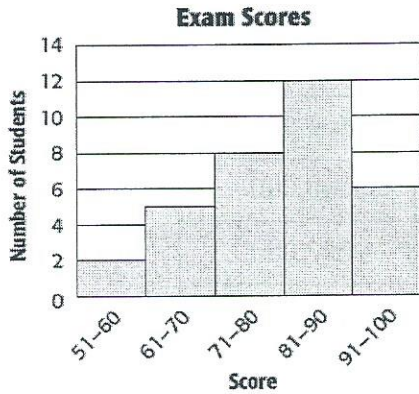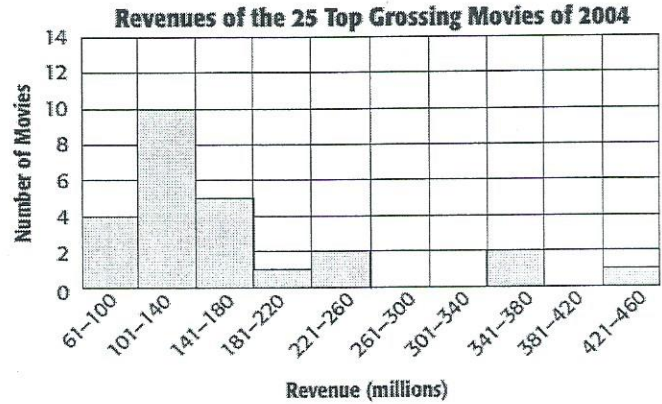6. Use the circle graph you made in Exercise 5 to describe Mr. Broussard's investments.

9-2 Word Problem Practice

Histograms

EXAMS For Exercises 1–3, use the histogram below that shows data about scores on a history test.

Exam Scores

MOVIES For Exercises 4–6, use the histogram below that shows data about movie revenues in 2004.

Revenues of the 25 Top Grossing Movies of 2004

1. How many students scored at least 81 on the test? Explain how you found your answer.

2. How many students scored less than 81 on the exam? Explain how you found your answer.

3. Can you determine the highest grade from the histogram? Explain.

4. How many movies grossed at least $141 million? Explain how you found your answer.

5. How many movies grossed between $61 million and $180 million? Explain how you found your answer.

6. Can you determine how many movies grossed between $121 and $140 million from the histogram? Explain.

Lesson 9-2