

- 6 Hector had \$109.75. He spent \$38.99 on shoes and \$13.85 on a T-shirt.

How much money does Hector have left? Write your answer in the box.

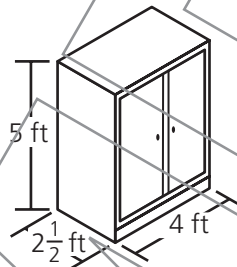
\$

- 7 A librarian estimated that the library had 65 books about George Washington and 80 books about Abraham Lincoln. The library actually has 67 books about Washington and 71 books about Lincoln.

To the nearest whole percent, what is the percent error of the librarian's total estimate? Write your answer in the box.

%

- 8 Madeleine plans to paint this TV cabinet, except for the bottom.



What is the surface area, in square feet, of the cabinet to be painted, not including the bottom? Write your answer in the box.

square feet

GO ON →

- 29 A new book comes out in paperback. The paperback version sells for 40% less than the hardcover version.

Part A

If the price of the hardcover version is \$24.99, what is the price of the paperback version? Write your answer in the box.

\$

Part B

In a shipment of paperback books, several are damaged. The bookstore can choose to return the books and receive $\frac{1}{3}$ of the selling price as credit. The bookstore can also try to sell the books for $\frac{1}{2}$ of the selling price.

If 22 books were damaged, how much **more** money would the store take in by selling all of the damaged books instead of returning them? Write your answer in the box.

\$

Part C

One day, the store sells 3 hardcover copies, 8 paperbacks, and 3 of the damaged books. The next day, the store sells 4 hardcover copies, 5 paperbacks, and 8 damaged books.

Estimate **about** how much **more** the store brought in with this book on the second day than on the first day. Write your answer in the box.

\$

Part D

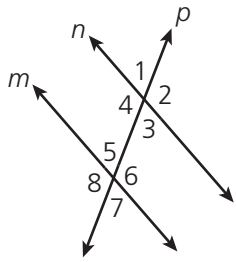
After some time, the book is moved to the bargain table. The hardcover book is sold for \$6.99.

By what percent is the hardcover book reduced? Write your answer to the nearest percent in the box.

%

GO ON →

31 In this figure, lines m and n are parallel.



Part A

Which pairs of angles are corresponding? Select **all** that apply.

- A** $\angle 1$ and $\angle 2$
- B** $\angle 1$ and $\angle 5$
- C** $\angle 2$ and $\angle 7$
- D** $\angle 3$ and $\angle 5$
- E** $\angle 4$ and $\angle 8$
- F** $\angle 5$ and $\angle 8$

Part B

The measure of $\angle 3$ is 80° .

What must be the measure of $\angle 7$? Write your answer in the box.

degrees

GO ON →