

A graphic with a blue and red gradient background. The word "LESSON" is written in white capital letters at the top. Below it, the number "8.2" is written in a large, bold, white font.

Installment Loans—Amount Financed

Vocab:

Installment Loan- multiple payment loan.
(traditional)

Down Payment- what you pay up-front.

Amount Financed- the remaining amount of the loan.

LESSON
8.2**EXAMPLE 1**

Trudy Quintero is buying gym equipment for \$1,399. She makes a \$199 down payment and finances the remainder. How much does she finance?

$$1399 - 199 = \boxed{\$1200}$$

LESSON
8.2

Complete the problems by determining the amount financed.
Check your answers in the back of the book.

1. Melina Vardalos purchased season concert tickets for \$1,999.99.
The down payment is \$199.99.

$$1999.99 - 199.99 = 1800$$

LESSON
8.2

Complete the problems by determining the amount financed.
Check your answers in the back of the book.

2. Bertellini Dentistry purchased new equipment for \$3,950. The down payment is \$150.

$$3950 - 150 = \boxed{3800}$$

**LESSON
8.2****EXAMPLE 2**

Roslyn Clay purchased a previously owned piano for \$1,140 using the store's installment credit plan. She made a 20% down payment and financed the remaining amount. What amount did she finance?

$$0.20(1140)$$
$$= \$228$$

$$\begin{array}{r} 1140 \\ - 228 \\ \hline \boxed{\$912} \end{array}$$

$$0.80(1140)$$
$$\boxed{\$912}$$

LESSON
8.2

Find the (a) down payment and (b) amount financed. Check your answers in the back of the book.

3. Antonio Reyes purchased an antique chest for a \$1,360 cash price. He made a 20% down payment.

$$\begin{array}{l} \text{a) } 0.20(1360) \\ \hline \$272 \end{array}$$

$$\begin{array}{r} \text{b) } 1360 \\ - 272 \\ \hline \$1,088 \end{array}$$

4. Maya DiNardo purchased a diamond bracelet for \$1,725. The down payment was 30%.

$$\begin{array}{l} \text{a) } 0.30(1725) \\ \hline \$517.50 \end{array}$$

$$\begin{array}{r} \text{b) } 1725 \\ - 517.50 \\ \hline \$1207.50 \end{array}$$