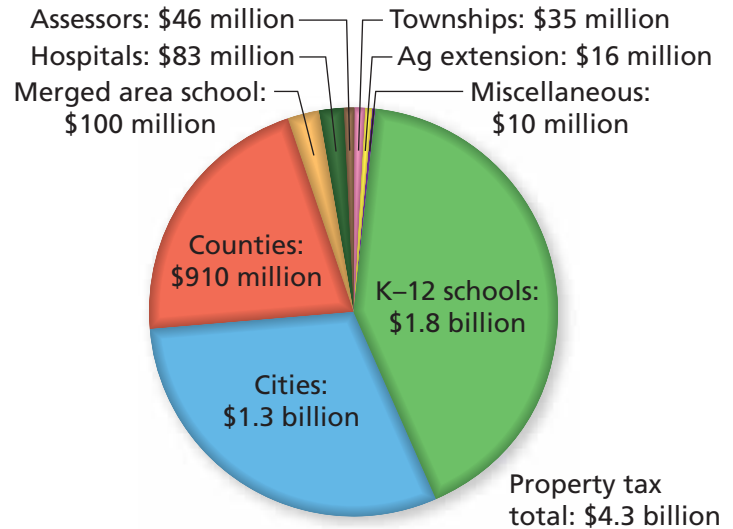


Tax Breaks The circle graph shows the types of property taxes collected in a state in 1 year. In Exercises 15–17, use the circle graph. (See Example 5.)

15. What percent of the property taxes went to K–12 schools?
16. Without the military exemption, the state would have collected about 0.06% more in property taxes. Estimate the total military exemption.
17. Without the homestead tax credit, the state would have collected about 2.3% more in property taxes. Estimate the total property taxes that would have been collected without the homestead tax credit.



Veteran Exemption In Exercises 18 and 19, use the information below. (See Example 6.)

In New York, veterans of the following conflicts can receive property tax exemptions on their primary residence, as detailed in the table.

EXEMPTION RATE FOR ELIGIBLE VETERANS		
Requirements for Eligible Veterans	Percentage Assessed Value Reduction	Maximum Exemption Rate Reduction
Served during a specified period of war (See list)	15%	Max of \$4140 for Class 1; \$24,300 for Classes 2 & 4
Served in a combat zone	Plus 10%	Max of \$6900 for Class 1; \$40,500 for Classes 2 & 4
Disabled (Gold Star parents are not eligible for this portion of the vet’s exemption)	Assessed value multiplied by 50% of the vet’s disability rating	Max of \$13,800 for Class 1; \$81,000 for Classes 2 & 4

- Persian Gulf War
- Korean War
- World War I
- Vietnam War
- World War II
- Mexican Border Period

18. A veteran of the Korean War did not serve in a combat zone and is not disabled. He applies for the military exemption. The assessed value of his Class 1 home is \$150,000. How much does he save on property taxes when the tax rate is 85 mills?
19. A nondisabled veteran of the Persian Gulf War who served in a combat zone applies for the military exemption. The assessed value of her Class 2 property is \$140,000. How much does she save on property taxes when the tax rate is 32 mills?

20. **Solar and Wind Power** Texas offers a property tax exemption on qualifying wind and solar power energy devices, such as the solar hot water system shown. These devices generally increase the assessed value of a home. This increase is the amount of the exemption. (See Example 6.)

- a. After installation of the hot water system, the assessed value of a home increases by \$15,000 to a total of \$175,000. How much is the exemption?
- b. The county tax rate is 9 mills. How much does the exemption save the homeowner in county taxes?

