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Instructor: Nancy Hixson, Jennifer
Byrom, Christina Horton, Joey Fields
Course: MAT1301-14A-1A16-S2
Book: Pirnot: Mathematics All Around
5e

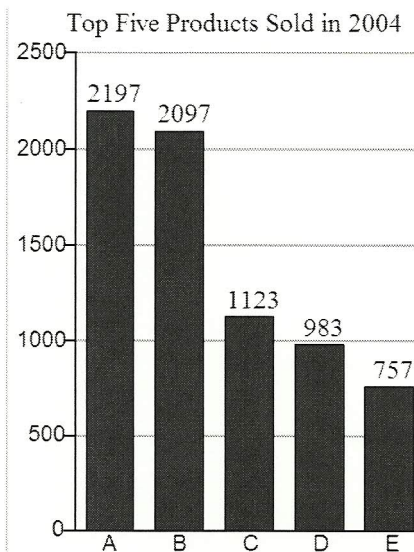
Assignment: Unit II Homework

15. An actor bought a pearl, diamond, and ruby necklace for his famous wife for \$53,000. In 2011 this necklace was auctioned for \$11,401,200. The auction price was what percent of the original purchase price?

The auction price was % of the original purchase price.
(Round to the nearest integer as needed.)

16. Summarized on the right is the sale (in thousands) of the top five products in 2004. Use this information to calculate what percent of the sales of these five products was due to product C.

% of the sales of these five products was due to product C.
(Round to the nearest hundredth as needed.)



17. A U.S.-based motorcycle manufacturer says that it expects to build 144,000 motorcycles this year, up from 125,000 last year. Find the percent of increase in production.

The percent of increase is %.
(Round to one decimal place as needed.)

18. A record company reports that in 2009, downloaded music album sales were 479% of what they were in 2005. If there were 11.6 million albums downloaded in 2005, how many were downloaded in 2009?

There were million albums downloaded in 2009.
(Round to one decimal places as needed.)

19. A person earns \$25,900 one year and gets a 5% raise in salary. What is the new salary?

The new salary is \$.