

DO NOW: Please work on these
Do-Now problems. **Thank you!**

A leather jacket is on sale for 30% off of its original price of \$200. Find the sale price of the leather jacket.



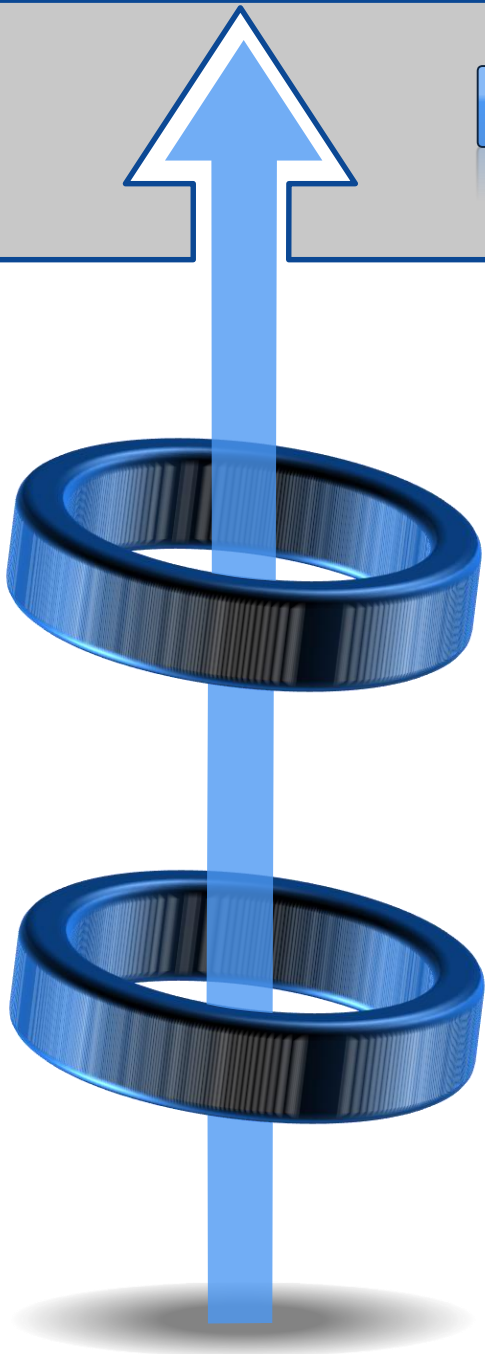
A leather jacket sells for \$200. As the cost of leather rises, the store needs to increase the price of the jacket to 115% of its original price. Find the price of the jacket after this increase.



DO NOW:



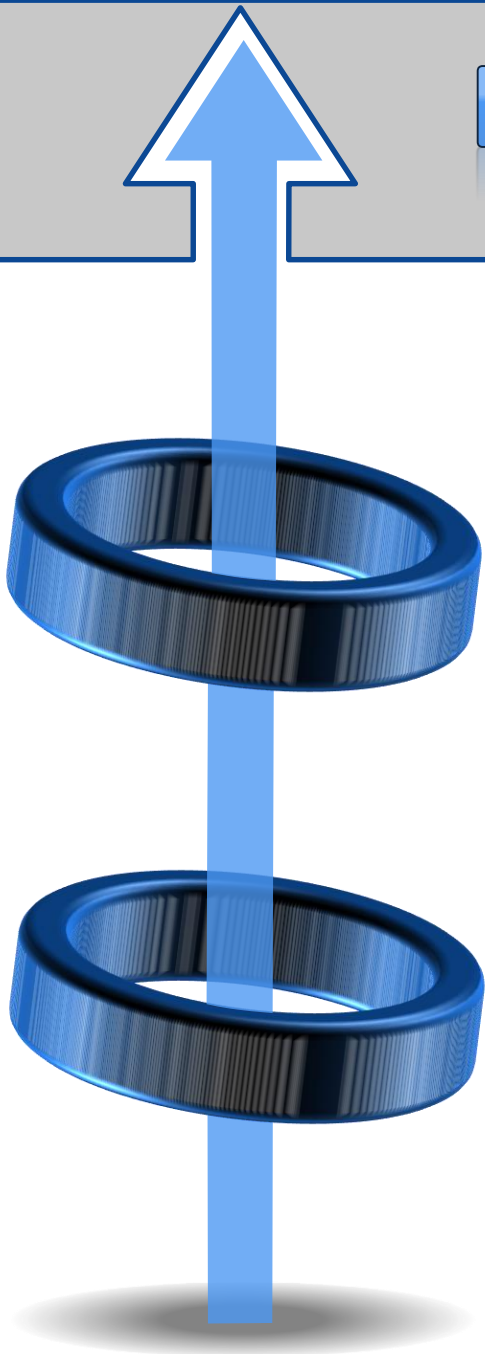
A leather jacket is on sale for 30% off of its original price of \$200. Find the sale price of the leather jacket.



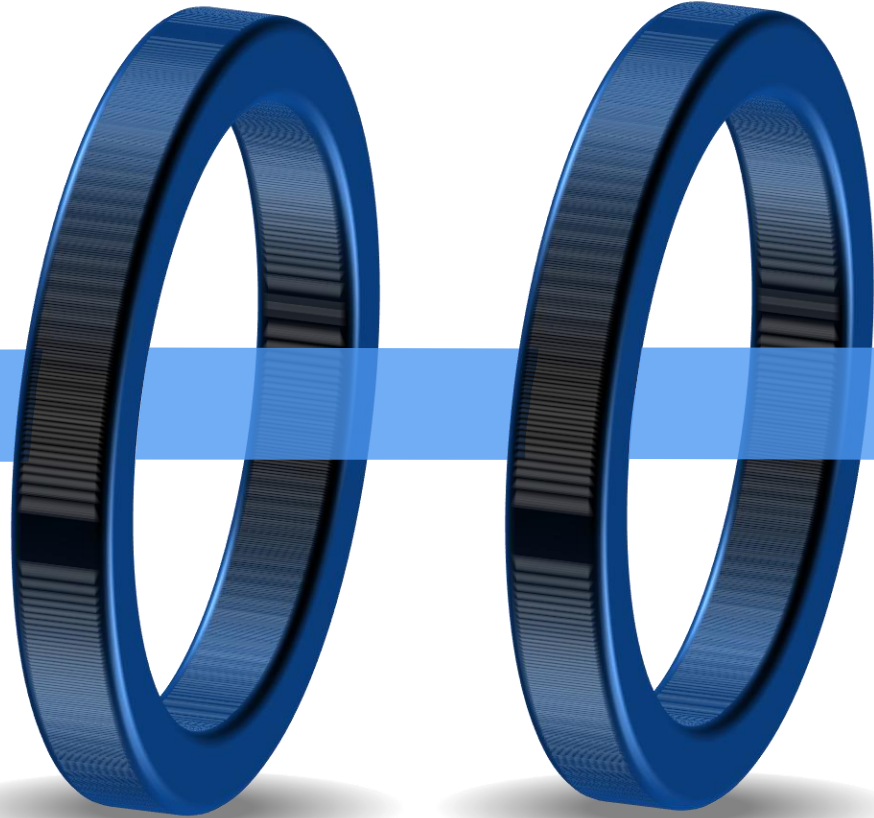
DO NOW:



A leather jacket sells for \$200. As the cost of leather rises, the store needs to increase the price of the jacket to 115% of its original price. Find the price of the jacket after this increase.



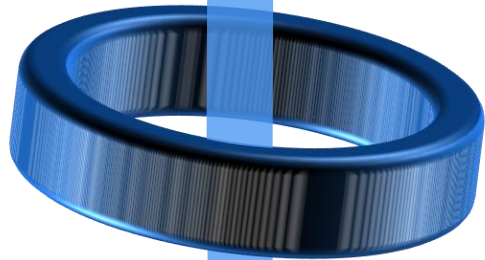
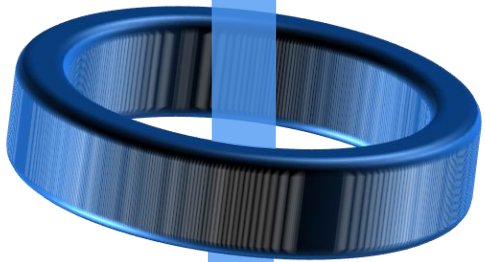
Objective: Use ratio tables and proportions to solve percent problems.

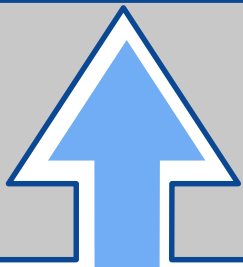




PRACTICE:

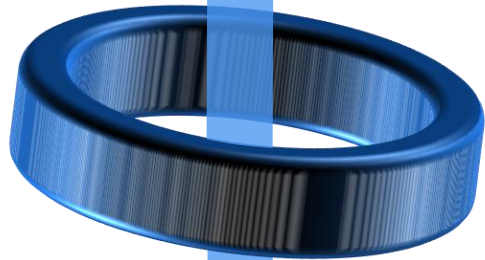
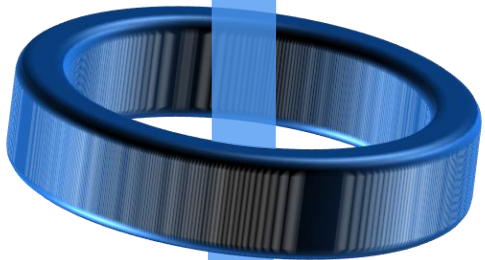
- 1) Sophia spent \$60 on gasoline last week to get to work. At the end of the week she received a paycheck in the amount of \$300. What percent of her pay had she spent on gasoline?

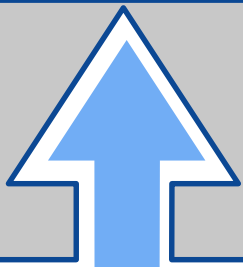




PRACTICE:

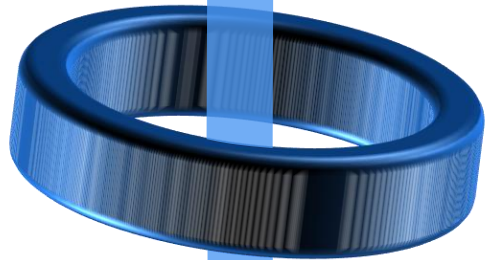
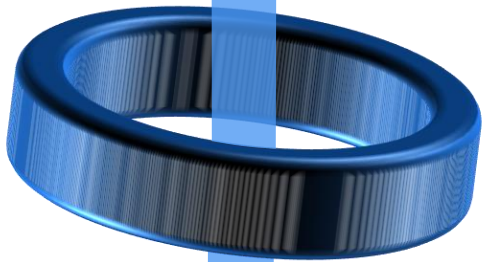
- 2) 60% of the 300 dentists surveyed said they recommend flossing twice a day. How many dentists recommend flossing twice a day?

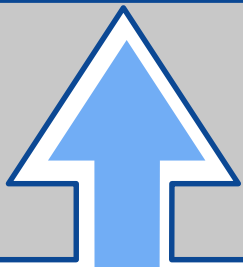




PRACTICE:

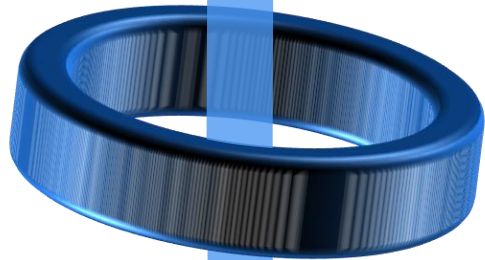
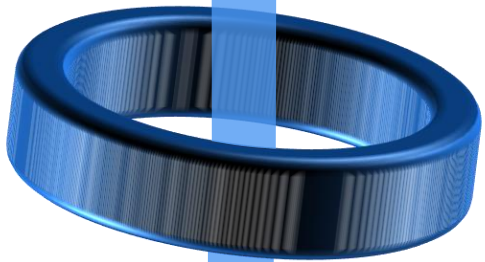
- 3) The area of a rectangle is 48 square inches. If the area of the rectangle is increased by 20%, what will be the new area?





PRACTICE:

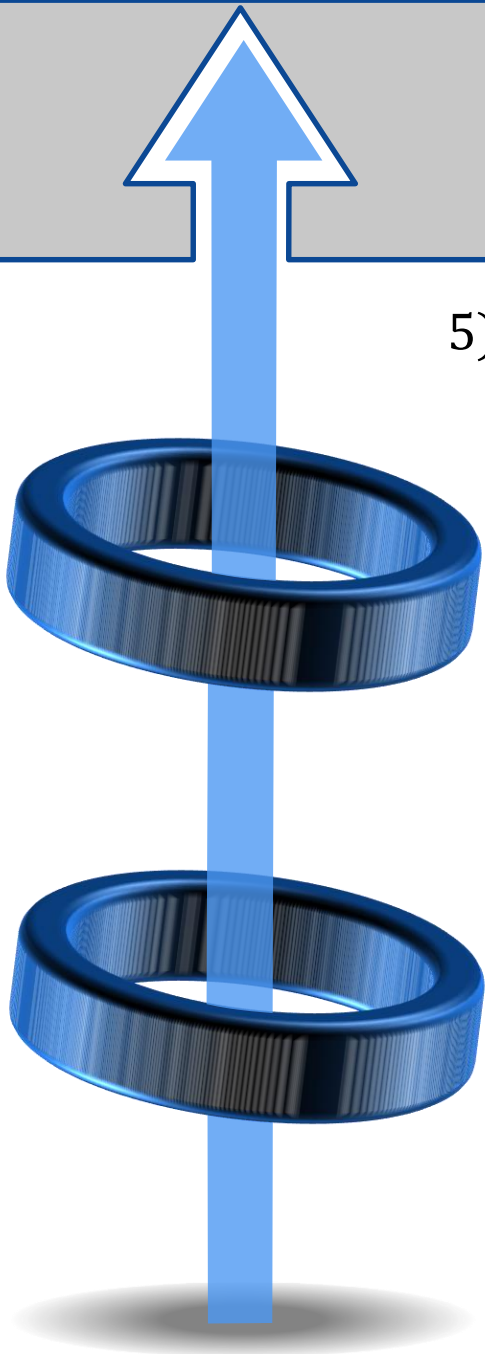
- 4) The actual width of a window shown in a scale drawing of a house is 48 inches. If its width in the drawing is 20% of its actual width, what is its width in the drawing?





PRACTICE:

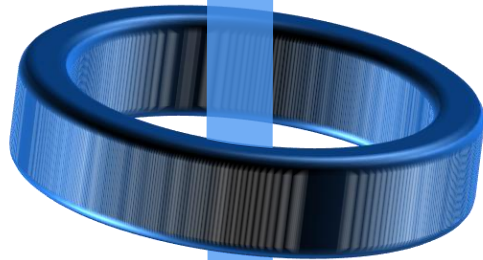
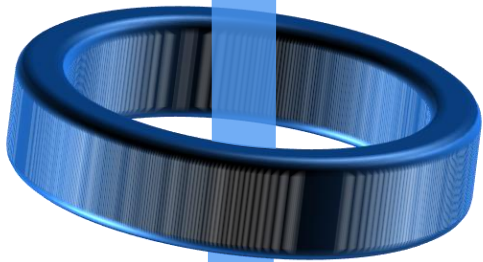
- 5) The MP3 player that Hadley purchased was marked 20% off the original price. At the register the clerk took \$48 off the original price. What was the original price of the MP3 player?

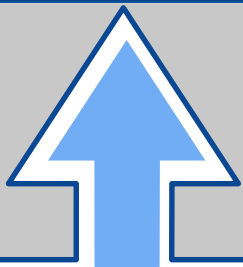




PRACTICE:

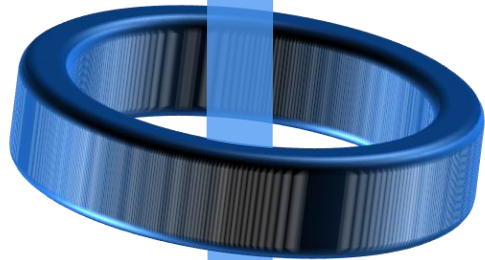
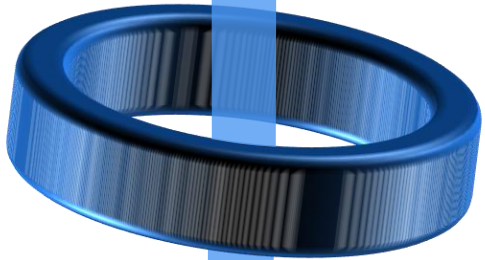
- 6) For the holiday season, a certain hotel chain raises its rates by 20%. What will a room that rents for \$48 during the holiday season cost during regular season?





PRACTICE:

- 7) When Paden got a promotion at work, he was given a 60% raise. Before the raise he earned \$300 each day. How much does he earn now each day?





PRACTICE:

- 8) A recent survey at a local company showed that 300 employees car pool to work each day. The report also said that they represented 60% of the company's employees. How many employees does the company employ?

