

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

## POW 7



The price of a hammer at a local hardware store is \$20. The store is offering a 15% discount off the price of the hammer. There is a 6% sales tax, applied after any discounts, on all purchases.

### PART A

What will be the final cost, in dollars, of the hammer, including the discount and the sales tax?

The same hammer is available from an online retailer. If a customer uses a discount code that offers a 25% discount and free shipping, the hammer will cost \$17.25. There is no sales tax if the customer buys the hammer online.

### PART B

What is the original price of the hammer from the online retailer?