

1.4 On Sale

Example 1

- i) Samantha wants to buy a new TV. The model she likes costs \$675.95, but the clerk tells her that it is going on sale next week at 20% off. If Samantha waits, how much will she save on the price of the TV?

- ii) How much will Jordon save on the price of a computer listed at \$989.98 if it is discounted by 30%?

Example 2

- i) The gift shop is selling off summer inventory. What will be the cost of a carving that was priced at \$149.95 if the sale sign says “Reduced by 60%”?

- ii) Sarbjit charges \$24.95 for a haircut in her beauty salon, but gives students a 30% reduction on Thursday evenings. How much would you have to pay to have your hair cut on a Thursday evening?

Example 3

Medium-sized bamboo baskets are regularly priced at \$19.98. They are on sale, advertised as “Buy one, get the second at half price.” What is the discount rate, as a percent?

Practice Your Skills

Name: _____

1. In Abbotsford, BC, Mack works as a used car salesman. He offers a 15% reduction to repeat customers. If the price marked on a car is \$9879.00, how much will it be reduced for a repeat customer?

2. A fishing rod originally priced at \$49.98 is reduced by 30%.
 - a) How much is the discount?

 - b) What will the cost be before tax?

3. Senior citizens are offered a 20% discount on their lunch on Tuesdays in Hay River's local diner. How much will Rita and Dick, both senior citizens, save if they order the teriyaki chicken salad at \$14.98 and the pork cutlets at \$17.98? (Ignore taxes.)

4. A can of paint costs \$59.95. There is a 20% price reduction for contractors. How much will the contractor save if he buys 5 cans?

5. A furniture store offers a “Closing Out Sale: Everything 80% Off.”
 - a) How much will you pay for a bedroom suite that originally cost \$2989.97 if GST is 5% and PST is 7%?

 - b) What are your total savings on this purchase?

6. Robert sells bicycles, skateboards, and snowboards at his sporting goods store. A bicycle that was originally priced at \$785.00 sold for \$553.00. What percent markdown did Robert offer?

7. The wholesale cost of a *tawa*, a griddle used to cook Indian flatbread, is \$53.00. A merchant marks it up 65%. At the end of the season, he sells the remaining stock at 60% off.

a) What was his original asking price?

b) At the original price, how much would a customer pay with 5% GST and 5% PST?

c) What was the end-of-season sale price?

d) How much would a customer pay when it was on sale, including 5% GST and 5% PST?

e) What would the total savings be if it were bought on sale?

f) What would be the percentage savings