## Finding the Discount on an Item

Discount is the difference between the "regular" retail price of an item and the price that a consumer actually pays for the item.

## Study Tip

Notice that for markup percent, the wholesale price is the base. However, for discount percent, the regular price is the base.


|  | Wholesale <br> Price | Regular <br> Price | Discount <br> Percent | Discount <br> Price | Quantity <br> Sold | Revenue |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2 | $\$ 8.37$ | $\$ 24.99$ | $0.0 \%$ | $\$ 24.99$ | 13 | $\$ 324.87$ |
| 3 | $\$ 8.37$ | $\$ 24.99$ | $25.0 \%$ | $\$ 18.74$ | 4 | $\$ 74.96$ |
| 4 | $\$ 8.37$ | $\$ 24.99$ | $50.0 \%$ | $\$ 12.50$ | 6 | $\$ 75.00$ |
| 5 | $\$ 8.37$ | $\$ 24.99$ | $75.0 \%$ | $\$ 6.25$ | 2 | $\$ 12.50$ |
|  | DATA |  |  |  |  |  |
| 7 |  |  |  |  |  |  |

You paid $25(8.37)=\$ 209.25$ for the shirts. Your total markup was $487.33-209.25=\$ 278.08$. So, your average markup percent was

$$
\frac{\text { Total markup }}{\text { Total wholesale price }}=\frac{278.08}{209.25} \approx 1.329=132.9 \% \text {. }
$$

## Checkpoint

Help at Math.andYOU.com
Find the average markup percent for the following sales record.

- 11 shirts at $\$ 24.99$
- 7 shirts at $25 \%$ off
- 3 shirts at $50 \%$ off
- 4 shirts at $75 \%$ off

