

# Making Money

You need  a calculator (optional)  a classmate

## Activity

The Sweatshirt Company makes 6 different types of sweatshirts. It sells them to clothing shops for 50 percent more than it costs to make them.

Here are the company's manufacturing costs:

 <p>i.   three buttons   \$25.50</p>	 <p>ii.   short sleeves   \$15.80</p>	 <p>iii.   narrow cuff   \$22.90</p>
 <p>iv.   hooded style   \$35</p>	 <p>v.   two transfers (back and front)   \$29.40</p>	 <p>vi.   basic style   \$17.50</p>

1. How much profit (in dollars and cents) does The Sweatshirt Company make on each type of sweatshirt?
2. What do the clothing shops pay for each type of sweatshirt (the wholesale price)?
3. The clothing shops add 50 percent to the price they paid for the sweatshirts. What does the customer have to pay for each sweatshirt (the retail price)?
4. One of the clothing shops has a sale and offers all the sweatshirts for sale at 20 percent below their normal price.
  - a. What do the customers pay now for each sweatshirt?
  - b. On the first morning of the sale, the shop sells 5 three-button sweatshirts, 2 short sleeved sweatshirts, and 1 basic style sweatshirt.
    - i. How much profit (in dollars and cents) does the shop make?
    - ii. How much less profit is this than if they had sold the same items before the sale?
  - c. Discuss with a classmate why shops have sales.