

Garage Sale

You need a calculator

a classmate

Activity

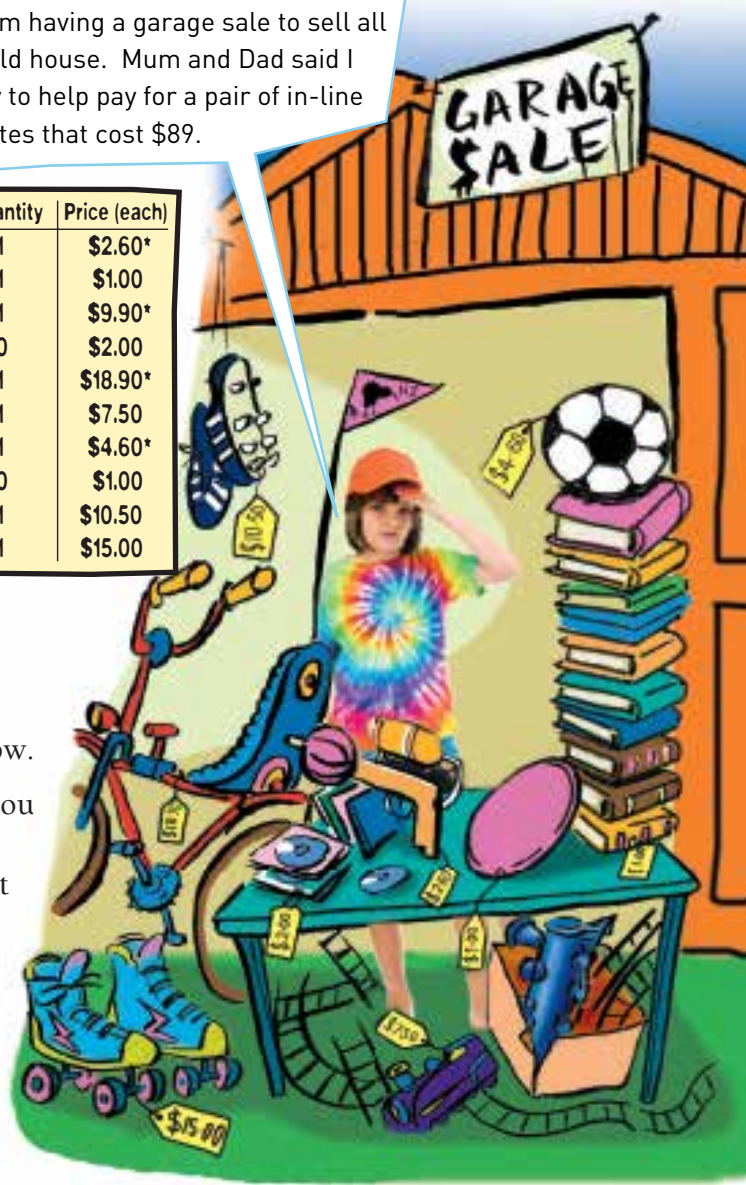
1.
 - a. Without using a calculator, estimate how much money Robert will make if he sells everything.
 - b. Check your estimate by adding up the prices with a calculator.
 - c. Will Robert make enough money to buy the in-line skates?

2. After a couple of hours, nothing has sold! Robert decides to discount everything by 10 percent.
 - a. Estimate how much each item will cost now.
 - b. Without adding up each item again, can you work out exactly how much money he'll make if he sells everything at a 10 percent discount?
 - c. Will he make enough money to buy the in-line skates?

3. A second-hand dealer arrives.

Before we move, I'm having a garage sale to sell all my junk from our old house. Mum and Dad said I can use the money to help pay for a pair of in-line skates that cost \$89.

Item	Quantity	Price (each)
Water gun	1	\$2.60*
Flying saucer	1	\$1.00
Softball glove	1	\$9.90*
CDs	10	\$2.00
Bike	1	\$18.90*
Train set	1	\$7.50
Soccer ball	1	\$4.60*
Books	10	\$1.00
Soccer boots	1	\$10.50
Skates	1	\$15.00



- a. If Robert accepts the offer, what fraction of the money for his in-line skates will he have?
- b. Mum and Dad decide that if Robert can earn over half of the price of the in-line skates from his garage sale, they'll pay the rest. Will Robert get his in-line skates if he sells to the second-hand dealer?
- c. Discuss with a classmate whether you think Robert should accept the offer from the second-hand dealer.

* Amounts changed, November 2007