

Chris



\$75

Jeff



\$60

Marc



\$45

$$\mathbf{\$75 + \$60 + \$45 = \$180}$$

BUY TWO PAIRS,
GET ONE PAIR FREE!

3RD PAIR MUST BE OF EQUAL OR LESSER VALUE

Chris



\$75

Jeff



\$60

Marc



\$0

$$\mathbf{\$75 + \$60 + \$0 = \$135}$$

Chris



?

Jeff



?

Marc



?

Sharing Pairs

Three friends, Chris, Jeff, and Marc, go shopping for shoes. The store is having a *buy two pairs, get one pair free* sale.

Chris opts for a pair of high tops for \$75, Jeff picks out a pair of low tops for \$60, and Marc settles on a pair of slip-ons for \$45.

The cashier rings them up; the bill is \$135.

How much should each friend pay? Try to find the fairest way possible. Justify your reasoning.