

**Question 24192** A camping goods shop operates on a profit margin of 85%. How much would the shop have paid for a sleeping bag that sells for \$89.95. ?

**Answer.** Assume that shop has paid  $x$ , then  $x + 0.85x = 89.95$ , then  $x = \frac{89.95}{1.85} \approx 48.62$  .