



Problem of the Week

Problem B

Otters in a Happy Space

Happy Space toy store bought 50 plush toy otters for \$8.00 each for resale. They also paid a \$30 shipping fee.

They priced the toy otters at \$10.00 each throughout December, after which they sold the remainder at a reduced sale price.

- (a) If they sold 30 toy otters in December for \$10.00 each, what must the reduced sale price per otter be in order that they break even on this item (that is, they have no net profit nor loss)?
- (b) For each otter, what percentage of the \$10.00 price is the savings from the reduced price?

