

15. Box Lunch

At Pete's Burger Shack there is a special sale. You can buy a lunch box, the same lunch box with a plain burger for \$5.00, or the same lunchbox with a monster burger for \$7.00. The monster burger costs three times as much as the plain burger.

How much would the lunch box cost by itself?

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Hints

- (1) *Use All Given And Implied Information.* Since the lunch box with the monster burger costs \$7.00 and the lunch box with the plain burger costs \$5.00, how much more does the monster burger cost than the plain burger? Then, how much must the plain burger cost? Then, how much does the lunch box cost?
- (2) *Use Trial and Error and Word Backwards.* Guess how much the lunch box costs. Then figure how much the plain burger must cost and how much the monster burger must cost according to your guess. Check whether your guess is correct using the conditions of the problem. *Make A Chart* to keep track of your guesses. For example,

Guess cost of lunchbox	Then find cost of plain burger	Then find cost of monster burger	To check ask yourself, "Is three times the cost of the plain burger equal to the monster burger?"
\$1.00	\$5.00 <u>-1.00</u> \$4.00	\$7.00 <u>-1.00</u> \$6.00	\$ 4.00 No, \$12.00 does not equal the cost of monster burger. x 3 \$12.00
Guess again			

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