

BE-PRECALC Monday 4-26-10

ACT ① The cost of a hamburger and a soft drink together is \$2.10. The cost of 2 hamburgers and a soft drink together is \$3.50. What is the cost of a soft drink?

Ans

$$H + S = 2.10 \xrightarrow{(-1)} -H - S = -2.10$$

$$2H + S = 3.50 \rightarrow 2H + S = 3.50$$

$$H = 1.40$$

$$\therefore \boxed{S = \$0.70}$$

Using Systems of Equations to solve word problems is a basic algebra skill.

- Return/Review Ques 4 +
- Practice using systems of eq's