

Math A – Unit 3 Review Exercises from the textbook

p. 326 #8 One Snickers bar and two Reese's Peanut Butter Cups contain 737 calories. Two Snickers bars and one Reese's Peanut Butter Cup contain 778 calories. Find the caloric content of each candy bar.

Ans. A Snickers bar contains 273 calories and a Reese's Peanut Butter Cup contains 232 calories.

p. 326 #12 A restaurant purchased eight tablecloths and five napkins for \$106. A week later, a tablecloth and six napkins were bought for \$24. Find the cost of one tablecloth and the cost of one napkin, assuming the same prices for both purchases.

Ans. A tablecloth costs \$12 and a napkin costs \$2.

p. 338 #43 Health experts agree that cholesterol intake should be limited to 300 milligrams or less each day. Three ounces of shrimp and 2 ounces of scallops contain 156 milligrams of cholesterol. Five ounces of shrimp and 3 ounces of scallops contain 45 milligrams of cholesterol less than the suggested maximum daily intake. Determine the cholesterol content in an ounce of each item.

Ans. An ounce of shrimp contains 42 mg of cholesterol and an ounce of scallops contains 15 mg of cholesterol.