

**Solve each problem.****Answers**

- 1) The owner of a malt shop spent \$3 buying 6 boxes of cups with each box containing 940 cups. If he expected the cups to last 5 months, how many cups does he plan to use each month?
- 2) A developer was buying land. He bought 7 acres at \$1,134 per acre. He then split the land he purchased into 3 lots. How much should he sell each lot for just to break even?
- 3) A restaurant owner bought 2 boxes of disposable cups for \$76, with each box containing 2,615 cups. If he wanted to divvy up the cups among his 5 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?
- 4) At Faye's bakery over the course of a year she sold 86 birthday cakes for \$65 a cake. At the end of the year she determined that for each cake she sold she had spent  $\frac{1}{2}$  of the sale price on ingredients. How much money did she spend on ingredients for cakes?
- 5) A king size candy bars costs \$1 with each candy bar having 1,698 calories. If you bought 2 candy bars and took 6 days eating them (eating the same amount each day) how many calories would you consume a day?
- 6) At a potato chip factory there were 93 machines working with each machine able to produce 65 chips a minute. If this is enough potato chips to fill 5 shipping boxes, how many chips are there per box?
- 7) Emily was trying to save up \$430. At her job she made \$6 an hour and she worked 32 hours a week. After paying for her food and other expenditures she ended up only saving  $\frac{1}{6}$  of her weeks earnings. How much money did she save up each week?
- 8) A contractor bought 69 boxes of nails at a price of \$1 per box. Each box contained 24 nails. If he distributed the nails to the 8 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

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1. **1,128**2. **2,646**3. **1,046**4. **2,795**5. **566**6. **1,209**7. **32**8. **207**