

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

- 1) A restaurant owner bought 4 boxes of disposable cups for \$150, with each box containing 1,298 cups. If he wanted to divvy up the cups among his 2 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?
- 2) A king size candy bars costs \$1 with each candy bar having 1,992 calories. If you bought 9 candy bars and took 4 days eating them (eating the same amount each day) how many calories would you consume a day?
- 3) At a potato chip factory there were 39 machines working with each machine able to produce 90 chips a minute. If this is enough potato chips to fill 5 shipping boxes, how many chips are there per box?
- 4) Nancy was planning to marathon watch episodes of her favorite show. The show had 27 episodes with each episode lasting exactly 22 minutes. If she planned to spend 9 days watching the show how many minutes should she watch each day?
- 5) The owner of a malt shop spent \$3 buying 2 boxes of cups with each box containing 579 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?
- 6) At Olivia's bakery over the course of a year she sold 48 birthday cakes for \$62 a cake. At the end of the year she determined that for each cake she sold she had spent $\frac{1}{4}$ of the sale price on ingredients. How much money did she spend on ingredients for cakes?
- 7) While playing a game Lana defeated 3 enemies with each enemy defeated earning her 2,799 points. If she traded in all her points for 9 extra lives, how many points is it per life?
- 8) A developer was buying land. He bought 4 acres at \$1,332 per acre. He then split the land he purchased into 9 lots. How much should he sell each lot for just to break even?

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2. _____
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6. _____
7. _____
8. _____

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1. **2,596**2. **4,482**3. **702**4. **66**5. **386**6. **744**7. **933**8. **592**