

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

- 1) At Nancy's bakery over the course of a year she sold 68 birthday cakes for \$90 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?
- 2) A donation center had filled up 19 small bins with canned food with each bin containing 32 cans. They plan to send the cans out to 8 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?
- 3) Paige was trying to save up \$332. At her job she made \$14 an hour and she worked 37 hours a week. After paying for her food and other expenditures she ended up only saving $\frac{1}{7}$ of her weeks earnings. How much money did she save up each week?
- 4) While playing a game Carol defeated 3 enemies with each enemy defeated earning her 3,501 points. If she traded in all her points for 9 extra lives, how many points is it per life?
- 5) The owner of a malt shop spent \$2 buying 8 boxes of cups with each box containing 903 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?
- 6) At the flea market Roger found 2 buckets of LEGOs with each bucket containing 9,252 LEGO pieces. If he wanted to split the LEGO pieces into 4 piles, how many pieces should he put into each pile?
- 7) Haley was planning to marathon watch episodes of her favorite show. The show had 51 episodes with each episode lasting exactly 24 minutes. If she planned to spend 3 days watching the show how many minutes should she watch each day?
- 8) A developer was buying land. He bought 7 acres at \$1,044 per acre. He then split the land he purchased into 4 lots. How much should he sell each lot for just to break even?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



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1. **1,530**
2. **76**
3. **74**
4. **1,167**
5. **2,408**
6. **4,626**
7. **408**
8. **1,827**