

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

- 1) A donation center had filled up 43 small bins with canned food with each bin containing 70 cans. They plan to send the cans out to 7 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?
- 2) An industrial machine made 5,551 cans of diet sodas and 3 times as many regular sodas over the course of 57 minutes. The regular sodas were then placed into 7 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 3) Nancy was trying to save up \$366. At her job she made \$10 an hour and she worked 30 hours a week. After paying for her food and other expenditures she ended up only saving  $\frac{1}{5}$  of her weeks earnings. How much money did she save up each week?
- 4) Paige was planning to marathon watch episodes of her favorite show. The show had 55 episodes with each episode lasting exactly 29 minutes. If she planned to spend 5 days watching the show how many minutes should she watch each day?
- 5) At Vanessa's bakery over the course of a year she sold 30 birthday cakes for \$84 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?
- 6) The owner of a malt shop spent \$3 buying 4 boxes of cups with each box containing 408 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?
- 7) A king size candy bars costs \$3 with each candy bar having 1,729 calories. If you bought 8 candy bars and took 7 days eating them (eating the same amount each day) how many calories would you consume a day?
- 8) A contractor bought 25 boxes of nails at a price of \$2 per box. Each box contained 63 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

1. \_\_\_\_\_
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4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

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1. **430**
2. **2,379**
3. **60**
4. **319**
5. **1,260**
6. **544**
7. **1,976**
8. **175**