

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

- 1) The owner of a malt shop spent \$3 buying 9 boxes of cups with each box containing 916 cups. If he expected the cups to last 4 months, how many cups does he plan to use each month?
- 2) Luke and Haley were comparing their Halloween candy. Luke received 2 times as much candy as Haley received. Luke then split his candy evenly into 3 piles to eat later. If Haley received 66 ounces of candy, how many ounces of candy would be in each of Luke's piles?
- 3) Lana's mother had 13 small photo albums filled with 72 photos in each. In order to save some space she bought 8 larger albums with each album having 23 pages. If she wanted to put all her pictures into the large albums, with the same number of pictures in each, how many pictures should be in each album?
- 4) A contractor bought 94 boxes of nails at a price of \$1 per box. Each box contained 81 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?
- 5) A restaurant owner bought 6 boxes of disposable cups for \$61, with each box containing 3,584 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?
- 6) Emily was trying to save up \$459. At her job she made \$9 an hour and she worked 38 hours a week. After paying for her food and other expenditures she ended up only saving  $\frac{1}{9}$  of her weeks earnings. How much money did she save up each week?
- 7) Mike developed a game for phones that he sold for \$5. After the first week he discovered he had 1,916 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had  $\frac{1}{2}$  who bought the full game. How many boys bought the full game?
- 8) An industrial machine made 3,492 cans of diet sodas and 2 times as many regular sodas over the course of 58 minutes. The regular sodas were then placed into 6 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

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**Answers**

1. 2,061
2. 44
3. 117
4. 846
5. 10,752
6. 38
7. 5,748
8. 1,164