



Solve each problem.

Answers

- 1) George developed a game for phones that he sold for \$4. After the first week he discovered he had 3,488 downloads from girls and 2 times as many boys download the game. Of the boys who downloaded it he only had $\frac{1}{8}$ who bought the full game. How many boys bought the full game?
- 2) A donation center had filled up 46 small bins with canned food with each bin containing 30 cans. They plan to send the cans out to 5 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) A restaurant owner bought 6 boxes of disposable cups for \$106, with each box containing 4,319 cups. If he wanted to divvy up the cups among his 7 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?
- 4) Bianca was trying to save up \$380. At her job she made \$12 an hour and she worked 31 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?
- 5) At a potato chip factory there were 99 machines working with each machine able to produce 36 chips a minute. If this is enough potato chips to fill 4 shipping boxes, how many chips are there per box?
- 6) Over the course of 12 weeks Haley collected 9 pounds of cans to recycle and Sam collected 4 times as much as Haley. Sam then put his collection into 9 bags to take to the recycling center. How many pounds of cans did Sam put into each bag?
- 7) At Sarah's bakery over the course of a year she sold 40 birthday cakes for \$87 a cake. At the end of the year she determined that for each cake she sold she had spent $\frac{1}{8}$ of the sale price on ingredients. How much money did she spend on ingredients for cakes?
- 8) John and Emily were comparing their Halloween candy. John received 2 times as much candy as Emily received. John then split his candy evenly into 7 piles to eat later. If Emily received 70 ounces of candy, how many ounces of candy would be in each of John's piles?

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





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1. 872
2. 276
3. 3,702
4. 62
5. 891
6. 4
7. 435
8. 20

