



## Two Step Problems

Name: \_\_\_\_\_

Solve each problem.

- 1) Olivia's mother had 15 small photo albums filled with 56 photos in each. In order to save some space she bought 7 larger albums with each album having 53 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?
- 2) Luke developed a game for phones that he sold for \$5. After the first week he discovered he had 6,054 downloads from girls and 8 times as many boys download the game. Of the boys who downloaded it he only had  $\frac{1}{6}$  who bought the full game. How many boys bought the full game?
- 3) Over the course of 11 weeks Tiffany collected 8 pounds of cans to recycle and Oliver collected 7 times as much as Tiffany. Oliver then put his collection into 8 bags to take to the recycling center. How many pounds of cans did Oliver put into each bag?
- 4) At Katie's bakery over the course of a year she sold 80 birthday cakes for \$56 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?
- 5) A restaurant owner bought 2 boxes of disposable cups for \$135, with each box containing 2,065 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?
- 6) At a potato chip factory there were 92 machines working with each machine able to produce 72 chips a minute. If this is enough potato chips to fill 2 shipping boxes, how many chips are there per box?
- 7) An industrial machine made 5,010 cans of diet sodas and 9 times as many regular sodas over the course of 43 minutes. The regular sodas were then placed into 3 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box?
- 8) A donation center had filled up 39 small bins with canned food with each bin containing 18 cans. They plan to send the cans out to 9 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?

## Answers

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

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**Answers**1. **120**2. **8,072**3. **7**4. **1,120**5. **590**6. **3,312**7. **15,030**8. **78**