

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

- 1) The owner of a malt shop spent \$2 buying 7 boxes of cups with each box containing 645 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?
- 2) A developer was buying land. He bought 4 acres at \$1,099 per acre. He then split the land he purchased into 7 lots. How much should he sell each lot for just to break even?
- 3) A donation center had filled up 76 small bins with canned food with each bin containing 39 cans. They plan to send the cans out to 3 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?
- 4) Paige's mother had 20 small photo albums filled with 52 photos in each. In order to save some space she bought 4 larger albums with each album having 61 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?
- 5) An industrial machine made 2,040 cans of diet sodas and 9 times as many regular sodas over the course of 47 minutes. The regular sodas were then placed into 5 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 6) Roger developed a game for phones that he sold for \$4. After the first week he discovered he had 7,782 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?
- 7) At a potato chip factory there were 18 machines working with each machine able to produce 54 chips a minute. If this is enough potato chips to fill 6 shipping boxes, how many chips are there per box?
- 8) Tiffany was trying to save up \$485. At her job she made \$7 an hour and she worked 40 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?

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

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Answers

1. 1,505
2. 628
3. 988
4. 260
5. 3,672
6. 10,376
7. 162
8. 40