

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

- 1) A developer was buying land. He bought 6 acres at \$1,778 per acre. He then split the land he purchased into 7 lots. How much should he sell each lot for just to break even?
- 2) At the flea market Adam found 3 buckets of LEGOs with each bucket containing 1,215 LEGO pieces. If he wanted to split the LEGO pieces into 5 piles, how many pieces should he put into each pile?
- 3) Haley was planning to marathon watch episodes of her favorite show. The show had 20 episodes with each episode lasting exactly 28 minutes. If she planned to spend 5 days watching the show how many minutes should she watch each day?
- 4) Amy's mother had 15 small photo albums filled with 24 photos in each. In order to save some space she bought 4 larger albums with each album having 22 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 4,311 cans of diet sodas and 4 times as many regular sodas over the course of 45 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.
- 6) A donation center had filled up 55 small bins with canned food with each bin containing 12 cans. They plan to send the cans out to 2 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?
- 7) At a potato chip factory there were 27 machines working with each machine able to produce 98 chips a minute. If this is enough potato chips to fill 2 shipping boxes, how many chips are there per box?
- 8) Ned and Sarah were comparing their Halloween candy. Ned received 2 times as much candy as Sarah received. Ned then split his candy evenly into 3 piles to eat later. If Sarah received 72 ounces of candy, how many ounces of candy would be in each of Ned's piles?

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**Answers**

1. **1,524**
2. **729**
3. **112**
4. **90**
5. **5,748**
6. **330**
7. **1,323**
8. **48**