

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

- 1) Victor developed a game for phones that he sold for \$5. After the first week he discovered he had 9,498 downloads from girls and 9 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?
- 2) Over the course of 20 weeks Nancy collected 15 pounds of cans to recycle and Oliver collected 9 times as much as Nancy. Oliver then put his collection into 5 bags to take to the recycling center. How many pounds of cans did Oliver put into each bag?
- 3) A donation center had filled up 66 small bins with canned food with each bin containing 24 cans. They plan to send the cans out to 8 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) At a potato chip factory there were 43 machines working with each machine able to produce 63 chips a minute. If this is enough potato chips to fill 7 shipping boxes, how many chips are there per box?
- 5) Amy was planning to marathon watch episodes of her favorite show. The show had 57 episodes with each episode lasting exactly 26 minutes. If she planned to spend 3 days watching the show how many minutes should she watch each day?
- 6) A developer was buying land. He bought 7 acres at \$1,735 per acre. He then split the land he purchased into 5 lots. How much should he sell each lot for just to break even?
- 7) A contractor bought 40 boxes of nails at a price of \$2 per box. Each box contained 24 nails. If he distributed the nails to the 8 houses he was building and made sure each house received the same number of nails, how many nails would each house get?
- 8) A king size candy bars costs \$2 with each candy bar having 1,809 calories. If you bought 2 candy bars and took 9 days eating them (eating the same amount each day) how many calories would you consume a day?

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

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1. **14,247**2. **27**3. **198**4. **387**5. **494**6. **2,429**7. **120**8. **402**