

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

- 1) A developer was buying land. He bought 7 acres at \$1,848 per acre. He then split the land he purchased into 8 lots. How much should he sell each lot for just to break even?
- 2) At the flea market Will found 3 buckets of LEGOs with each bucket containing 4,744 LEGO pieces. If he wanted to split the LEGO pieces into 8 piles, how many pieces should he put into each pile?
- 3) A restaurant owner bought 8 boxes of disposable cups for \$144, with each box containing 1,287 cups. If he wanted to divvy up the cups among his 9 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?
- 4) At a potato chip factory there were 24 machines working with each machine able to produce 84 chips a minute. If this is enough potato chips to fill 6 shipping boxes, how many chips are there per box?
- 5) Katie was planning to marathon watch episodes of her favorite show. The show had 56 episodes with each episode lasting exactly 29 minutes. If she planned to spend 7 days watching the show how many minutes should she watch each day?
- 6) A king size candy bars costs \$3 with each candy bar having 1,182 calories. If you bought 5 candy bars and took 6 days eating them (eating the same amount each day) how many calories would you consume a day?
- 7) A donation center had filled up 88 small bins with canned food with each bin containing 45 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?
- 8) Oliver developed a game for phones that he sold for \$2. After the first week he discovered he had 8,150 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had $\frac{1}{5}$ who bought the full game. How many boys bought the full game?

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

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1. **1,617**2. **1,779**3. **1,144**4. **336**5. **232**6. **985**7. **1,320**8. **9,780**