

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

- 1) A donation center had filled up 30 small bins with canned food with each bin containing 63 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?
- 2) Nancy was trying to save up \$405. At her job she made \$12 an hour and she worked 31 hours a week. After paying for her food and other expenditures she ended up only saving  $\frac{1}{6}$  of her weeks earnings. How much money did she save up each week?
- 3) While playing a game Olivia defeated 2 enemies with each enemy defeated earning her 5,424 points. If she traded in all her points for 3 extra lives, how many points is it per life?
- 4) At the flea market Henry found 6 buckets of LEGOs with each bucket containing 2,084 LEGO pieces. If he wanted to split the LEGO pieces into 4 piles, how many pieces should he put into each pile?
- 5) At a potato chip factory there were 36 machines working with each machine able to produce 95 chips a minute. If this is enough potato chips to fill 5 shipping boxes, how many chips are there per box?
- 6) Emily was planning to marathon watch episodes of her favorite show. The show had 55 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?
- 7) An industrial machine made 6,564 cans of diet sodas and 7 times as many regular sodas over the course of 58 minutes. The regular sodas were then placed into 4 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 8) John developed a game for phones that he sold for \$2. After the first week he discovered he had 7,086 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had  $\frac{1}{2}$  who bought the full game. How many boys bought the full game?

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1. **210**
2. **62**
3. **3,616**
4. **3,126**
5. **684**
6. **308**
7. **11,487**
8. **21,258**