

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

- 1) Dave developed a game for phones that he sold for \$2. After the first week he discovered he had 4,656 downloads from girls and 4 times as many boys download the game. Of the boys who downloaded it he only had $\frac{1}{8}$ who bought the full game. How many boys bought the full game?
- 2) Rachel was trying to save up \$362. At her job she made \$10 an hour and she worked 28 hours a week. After paying for her food and other expenditures she ended up only saving $\frac{1}{2}$ of her weeks earnings. How much money did she save up each week?
- 3) Over the course of 13 weeks Faye collected 8 pounds of cans to recycle and Oliver collected 3 times as much as Faye. Oliver then put his collection into 8 bags to take to the recycling center. How many pounds of cans did Oliver put into each bag?
- 4) At the flea market Paul found 7 buckets of LEGOs with each bucket containing 9,448 LEGO pieces. If he wanted to split the LEGO pieces into 4 piles, how many pieces should he put into each pile?
- 5) A contractor bought 59 boxes of nails at a price of \$2 per box. Each box contained 18 nails. If he distributed the nails to the 6 houses he was building and made sure each house received the same number of nails, how many nails would each house get?
- 6) An industrial machine made 6,636 cans of diet sodas and 5 times as many regular sodas over the course of 57 minutes. The regular sodas were then placed into 6 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 7) A donation center had filled up 63 small bins with canned food with each bin containing 16 cans. They plan to send the cans out to 4 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) Billy and Lana were comparing their Halloween candy. Billy received 2 times as much candy as Lana received. Billy then split his candy evenly into 5 piles to eat later. If Lana received 15 ounces of candy, how many ounces of candy would be in each of Billy's piles?

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



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Answers

1. 2,328
2. 140
3. 3
4. 16,534
5. 177
6. 5,530
7. 252
8. 6