

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

- 1) A donation center had filled up 46 small bins with canned food with each bin containing 12 cans. They plan to send the cans out to 6 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) At the flea market John found 9 buckets of LEGOs with each bucket containing 9,050 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 trying to save up \$324. At her job she made \$8 an hour and she worked 40 hours a week. After paying for her food and other expenditures she ended up only saving $\frac{1}{4}$ of her weeks earnings. How much money did she save up each week?
- 4) An industrial machine made 3,690 cans of diet sodas and 4 times as many regular sodas over the course of 41 minutes. The regular sodas were then placed into 9 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 5) A contractor bought 25 boxes of nails at a price of \$1 per box. Each box contained 55 nails. If he distributed the nails to the 5 houses he was building and made sure each house received the same number of nails, how many nails would each house get?
- 6) At a potato chip factory there were 68 machines working with each machine able to produce 54 chips a minute. If this is enough potato chips to fill 9 shipping boxes, how many chips are there per box?
- 7) Jerry developed a game for phones that he sold for \$3. After the first week he discovered he had 2,470 downloads from girls and 2 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?
- 8) At Katie's bakery over the course of a year she sold 33 birthday cakes for \$95 a cake. At the end of the year she determined that for each cake she sold she had spent $\frac{1}{3}$ of the sale price on ingredients. How much money did she spend on ingredients for cakes?

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

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1. **92**
2. **16,290**
3. **80**
4. **1,640**
5. **275**
6. **408**
7. **988**
8. **1,045**