

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

- 1) Over the course of 19 weeks Haley collected 12 pounds of cans to recycle and Mike collected 3 times as much as Haley. Mike then put his collection into 6 bags to take to the recycling center. How many pounds of cans did Mike put into each bag?
- 2) An industrial machine made 9,448 cans of diet sodas and 2 times as many regular sodas over the course of 44 minutes. The regular sodas were then placed into 8 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 3) A king size candy bars costs \$2 with each candy bar having 1,404 calories. If you bought 2 candy bars and took 6 days eating them (eating the same amount each day) how many calories would you consume a day?
- 4) Edward and Debby were comparing their Halloween candy. Edward received 4 times as much candy as Debby received. Edward then split his candy evenly into 8 piles to eat later. If Debby received 72 ounces of candy, how many ounces of candy would be in each of Edward's piles?
- 5) A contractor bought 64 boxes of nails at a price of \$2 per box. Each box contained 88 nails. If he distributed the nails to the 2 houses he was building and made sure each house received the same number of nails, how many nails would each house get?
- 6) Faye was trying to save up \$402. At her job she made \$8 an hour and she worked 29 hours a week. After paying for her food and other expenditures she ended up only saving  $\frac{1}{8}$  of her weeks earnings. How much money did she save up each week?
- 7) Dave developed a game for phones that he sold for \$1. After the first week he discovered he had 4,932 downloads from girls and 3 times as many boys download the game. Of the boys who downloaded it he only had  $\frac{1}{9}$  who bought the full game. How many boys bought the full game?
- 8) The owner of a malt shop spent \$3 buying 3 boxes of cups with each box containing 322 cups. If he expected the cups to last 2 months, how many cups does he plan to use each month?

1. \_\_\_\_\_
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4. \_\_\_\_\_
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8. \_\_\_\_\_

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1. **6**
2. **2,362**
3. **468**
4. **36**
5. **2,816**
6. **29**
7. **1,644**
8. **483**