

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

- 1) Sam and Lana were comparing their Halloween candy. Sam received 4 times as much candy as Lana received. Sam then split his candy evenly into 2 piles to eat later. If Lana received 38 ounces of candy, how many ounces of candy would be in each of Sam's piles?
- 2) An industrial machine made 8,364 cans of diet sodas and 3 times as many regular sodas over the course of 58 minutes. The regular sodas were then placed into 2 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 3) Cody developed a game for phones that he sold for \$2. After the first week he discovered he had 6,240 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?
- 4) A king size candy bars costs \$1 with each candy bar having 1,048 calories. If you bought 5 candy bars and took 8 days eating them (eating the same amount each day) how many calories would you consume a day?
- 5) The owner of a malt shop spent \$3 buying 4 boxes of cups with each box containing 618 cups. If he expected the cups to last 2 months, how many cups does he plan to use each month?
- 6) A contractor bought 80 boxes of nails at a price of \$1 per box. Each box contained contained 27 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?
- 7) Robin was planning to marathon watch episodes of her favorite show. The show had 18 episodes with each episode lasting exactly 27 minutes. If she planned to spend 9 days watching the show how many minutes should she watch each day?
- 8) Carol was trying to save up \$398. At her job she made \$12 an hour and she worked 25 hours a week. After paying for her food and other expenditures she ended up only saving  $\frac{1}{3}$  of her weeks earnings. How much money did she save up each week?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_



Solve each problem.

**Answers**

- 1) Sam and Lana were comparing their Halloween candy. Sam received 4 times as much candy as Lana received. Sam then split his candy evenly into 2 piles to eat later. If Lana received 38 ounces of candy, how many ounces of candy would be in each of Sam's piles?  
1. **76**
- 2) An industrial machine made 8,364 cans of diet sodas and 3 times as many regular sodas over the course of 58 minutes. The regular sodas were then placed into 2 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.  
2. **12,546**
- 3) Cody developed a game for phones that he sold for \$2. After the first week he discovered he had 6,240 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?  
3. **7,488**
- 4) A king size candy bars costs \$1 with each candy bar having 1,048 calories. If you bought 5 candy bars and took 8 days eating them (eating the same amount each day) how many calories would you consume a day?  
4. **655**
- 5) The owner of a malt shop spent \$3 buying 4 boxes of cups with each box containing 618 cups. If he expected the cups to last 2 months, how many cups does he plan to use each month?  
5. **1,236**
- 6) A contractor bought 80 boxes of nails at a price of \$1 per box. Each box contained contained 27 nails. If he distributed the nails to the 9 houses he was building and made sure each house received the same number of nails, how many nails would each house get?  
6. **240**
- 7) Robin was planning to marathon watch episodes of her favorite show. The show had 18 episodes with each episode lasting exactly 27 minutes. If she planned to spend 9 days watching the show how many minutes should she watch each day?  
7. **54**
- 8) Carol was trying to save up \$398. At her job she made \$12 an hour and she worked 25 hours a week. After paying for her food and other expenditures she ended up only saving  $\frac{1}{3}$  of her weeks earnings. How much money did she save up each week?  
8. **100**