

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

- 1) A contractor bought 68 boxes of nails at a price of \$3 per box. Each box contained 50 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?
- 2) A restaurant owner bought 4 boxes of disposable cups for \$64, with each box containing 1,140 cups. If he wanted to divvy up the cups among his 6 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?
- 3) Nancy was trying to save up \$374. At her job she made \$7 an hour and she worked 36 hours a week. After paying for her food and other expenditures she ended up only saving $\frac{1}{7}$ of her weeks earnings. How much money did she save up each week?
- 4) At Carol's bakery over the course of a year she sold 64 birthday cakes for \$73 a cake. At the end of the year she determined that for each cake she sold she had spent $\frac{1}{8}$ of the sale price on ingredients. How much money did she spend on ingredients for cakes?
- 5) Vanessa was planning to marathon watch episodes of her favorite show. The show had 54 episodes with each episode lasting exactly 21 minutes. If she planned to spend 9 days watching the show how many minutes should she watch each day?
- 6) The owner of a malt shop spent \$3 buying 7 boxes of cups with each box containing 666 cups. If he expected the cups to last 9 months, how many cups does he plan to use each month?
- 7) Ned and Robin were comparing their Halloween candy. Ned received 4 times as much candy as Robin received. Ned then split his candy evenly into 8 piles to eat later. If Robin received 96 ounces of candy, how many ounces of candy would be in each of Ned's piles?
- 8) At a potato chip factory there were 84 machines working with each machine able to produce 35 chips a minute. If this is enough potato chips to fill 7 shipping boxes, how many chips are there per box?

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

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- 1) A contractor bought 68 boxes of nails at a price of \$3 per box. Each box contained 50 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? 50×68
 $3,400 \div 5$
- 2) A restaurant owner bought 4 boxes of disposable cups for \$64, with each box containing 1,140 cups. If he wanted to divvy up the cups among his 6 restaurants, with each restaurant getting the same number of cups, how many cups should each store get? $1,140 \times 4$
 $4,560 \div 6$
- 3) Nancy was trying to save up \$374. At her job she made \$7 an hour and she worked 36 hours a week. After paying for her food and other expenditures she ended up only saving $\frac{1}{7}$ of her weeks earnings. How much money did she save up each week? 7×36
 $252 \div 7$
- 4) At Carol's bakery over the course of a year she sold 64 birthday cakes for \$73 a cake. At the end of the year she determined that for each cake she sold she had spent $\frac{1}{8}$ of the sale price on ingredients. How much money did she spend on ingredients for cakes? 64×73
 $4,672 \div 8$
- 5) Vanessa was planning to marathon watch episodes of her favorite show. The show had 54 episodes with each episode lasting exactly 21 minutes. If she planned to spend 9 days watching the show how many minutes should she watch each day? 54×21
 $1,134 \div 9$
- 6) The owner of a malt shop spent \$3 buying 7 boxes of cups with each box containing 666 cups. If he expected the cups to last 9 months, how many cups does he plan to use each month? 666×7
 $4,662 \div 9$
- 7) Ned and Robin were comparing their Halloween candy. Ned received 4 times as much candy as Robin received. Ned then split his candy evenly into 8 piles to eat later. If Robin received 96 ounces of candy, how many ounces of candy would be in each of Ned's piles? 96×4
 $384 \div 8$
- 8) At a potato chip factory there were 84 machines working with each machine able to produce 35 chips a minute. If this is enough potato chips to fill 7 shipping boxes, how many chips are there per box? 35×84
 $2,940 \div 7$

1. 680
2. 760
3. 36
4. 584
5. 126
6. 518
7. 48
8. 420