



Solve each problem.

Answers

- 1) At the flea market Paul found 2 buckets of LEGOs with each bucket containing 5,130 LEGO pieces. If he wanted to split the LEGO pieces into 6 piles, how many pieces should he put into each pile?

- 2) At Sarah's bakery over the course of a year she sold 48 birthday cakes for \$71 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?

- 3) Janet's mother had 28 small photo albums filled with 74 photos in each. In order to save some space she bought 2 larger albums with each album having 99 pages. If she wanted to put all her pictures into the large albums, with the same number of pictures in each, how many pictures should be in each album?

- 4) Paige was planning to marathon watch episodes of her favorite show. The show had 48 episodes with each episode lasting exactly 22 minutes. If she planned to spend 4 days watching the show how many minutes should she watch each day?

- 5) An industrial machine made 8,484 cans of diet sodas and 7 times as many regular sodas over the course of 47 minutes. The regular sodas were then placed into 4 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

- 6) A restaurant owner bought 4 boxes of disposable cups for \$109, with each box containing 2,632 cups. If he wanted to divvy up the cups among his 2 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

- 7) Olivia was trying to save up \$393. At her job she made \$14 an hour and she worked 29 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?

- 8) A contractor bought 59 boxes of nails at a price of \$3 per box. Each box contained contained 21 nails. If he distributed the nails to the 3 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

1. _____

2. _____

3. _____

4. _____

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6. _____

7. _____

8. _____

**Solve each problem.**

- 1) At the flea market Paul found 2 buckets of LEGOs with each bucket containing 5,130 LEGO pieces. If he wanted to split the LEGO pieces into 6 piles, how many pieces should he put into each pile? $5,130 \times 2$
 $10,260 \div 6$
- 2) At Sarah's bakery over the course of a year she sold 48 birthday cakes for \$71 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? 48×71
 $3,408 \div 3$
- 3) Janet's mother had 28 small photo albums filled with 74 photos in each. In order to save some space she bought 2 larger albums with each album having 99 pages. If she wanted to put all her pictures into the large albums, with the same number of pictures in each, how many pictures should be in each album? 74×28
 $2,072 \div 2$
- 4) Paige was planning to marathon watch episodes of her favorite show. The show had 48 episodes with each episode lasting exactly 22 minutes. If she planned to spend 4 days watching the show how many minutes should she watch each day? 48×22
 $1,056 \div 4$
- 5) An industrial machine made 8,484 cans of diet sodas and 7 times as many regular sodas over the course of 47 minutes. The regular sodas were then placed into 4 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box. $8,484 \times 7$
 $59,388 \div 4$
- 6) A restaurant owner bought 4 boxes of disposable cups for \$109, with each box containing 2,632 cups. If he wanted to divvy up the cups among his 2 restaurants, with each restaurant getting the same number of cups, how many cups should each store get? $2,632 \times 4$
 $10,528 \div 2$
- 7) Olivia was trying to save up \$393. At her job she made \$14 an hour and she worked 29 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? 14×29
 $406 \div 2$
- 8) A contractor bought 59 boxes of nails at a price of \$3 per box. Each box contained contained 21 nails. If he distributed the nails to the 3 houses he was building and made sure each house received the same number of nails, how many nails would each house get? 21×59
 $1,239 \div 3$

Answers1. 1,7102. 1,1363. 1,0364. 2645. 14,8476. 5,2647. 2038. 413