

## Solve each problem.

- 1) At a potato chip factory there were 28 machines working with each machine able to produce 69 chips a minute. If this is enough potato chips to fill 3 shipping boxes, how many chips are there per box?
- 2) A donation center had filled up 59 small bins with canned food with each bin containing 91 cans. They plan to send the cans out to 7 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?
- 3) A developer was buying land. He bought 5 acres at \$1,296 per acre. He then split the land he purchased into 8 lots. How much should he sell each lot for just to break even?
- 4) Haley's mother had 17 small photo albums filled with 42 photos in each. In order to save some space she bought 2 larger albums with each album having 74 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?
- 5) A contractor bought 29 boxes of nails at a price of \$2 per box. Each box contained contained 56 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) A king size candy bars costs \$3 with each candy bar having 1,750 calories. If you bought 6 candy bars and took 5 days eating them (eating the same amount each day) how many calories would you consume a day?
- 7) Over the course of 11 weeks Debby collected 12 pounds of cans to recycle and Jerry collected 9 times as much as Debby. Jerry then put his collection into 6 bags to take to the recycling center. How many pounds of cans did Jerry put into each bag?
- 8) The owner of a malt shop spent \$3 buying 7 boxes of cups with each box containing 993 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?

Answers

1.

2

3. \_\_\_\_\_

4. \_\_\_\_\_

5.

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_





**Answer Key** 

Name:

Solve each	problem.
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1)	At a potato chip factory there were 28 machines working with each	$69 \times 28$
	machine able to produce 69 chips a minute. If this is enough potato chips	1,932÷3
	to fill 3 shipping boxes, how many chips are there per box?	

644

<u>Answers</u>

767

- A donation center had filled up 59 small bins with canned food with each  $91 \times 59$ bin containing 91 cans. They plan to send the cans out to 7 food banks but 5,369÷7 want to give each food bank the same number of cans. How many cans should they give to each food bank?
- 810

- 3) A developer was buying land. He bought 5 acres at \$1,296 per acre. He  $1.296 \times 5$ then split the land he purchased into 8 lots. How much should he sell each 6,480÷8
- **357**

812

2.317

- lot for just to break even?
- **2,100**
- 4) Haley's mother had 17 small photo albums filled with 42 photos in each.  $42 \times 17$ In order to save some space she bought 2 larger albums with each album  $714 \div 2$ having 74 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?
- 18

- A contractor bought 29 boxes of nails at a price of \$2 per box. Each box contained contained 56 nails. If he distributed the nails to the 2 houses he 1,624÷2 was building and made sure each house received the same number of nails, how many nails would each house get?
- $56 \times 29$
- A king size candy bars costs \$3 with each candy bar having 1,750 calories. If you bought 6 candy bars and took 5 days eating them (eating  $10,500 \div 5$ the same amount each day) how many calories would you consume a day?

- 7) Over the course of 11 weeks Debby collected 12 pounds of cans to  $12 \times 9$ recycle and Jerry collected 9 times as much as Debby. Jerry then put his collection into 6 bags to take to the recycling center. How many pounds
- $1,750 \times 6$ 
  - 108÷6
- The owner of a malt shop spent \$3 buying 7 boxes of cups with each box  $993 \times 7$ 
  - containing 993 cups. If he expected the cups to last 3 months, how many 6,951÷3 cups does he plan to use each month?

of cans did Jerry put into each bag?