

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

- 1) An industrial machine made 9,255 cans of diet sodas and 2 times as many regular sodas over the course of 48 minutes. The regular sodas were then placed into 5 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.
- 2) At the flea market Sam found 4 buckets of LEGOs with each bucket containing 2,454 LEGO pieces. If he wanted to split the LEGO pieces into 6 piles, how many pieces should he put into each pile?
- 3) A donation center had filled up 99 small bins with canned food with each bin containing 12 cans. They plan to send the cans out to 6 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?
- 4) A king size candy bars costs \$2 with each candy bar having 1,089 calories. If you bought 6 candy bars and took 3 days eating them (eating the same amount each day) how many calories would you consume a day?
- 5) A restaurant owner bought 5 boxes of disposable cups for \$111, with each box containing 3,150 cups. If he wanted to divvy up the cups among his 9 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?
- 6) At a potato chip factory there were 18 machines working with each machine able to produce 81 chips a minute. If this is enough potato chips to fill 9 shipping boxes, how many chips are there per box?
- 7) Haley's mother had 26 small photo albums filled with 36 photos in each. In order to save some space she bought 6 larger albums with each album having 45 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?
- 8) Over the course of 20 weeks Carol collected 14 pounds of cans to recycle and Mike collected 4 times as much as Carol. Mike then put his collection into 2 bags to take to the recycling center. How many pounds of cans did Mike put into each bag?

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**Solve each problem.**

- 1) An industrial machine made 9,255 cans of diet sodas and 2 times as many regular sodas over the course of 48 minutes. The regular sodas were then placed into 5 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.  $9,255 \times 2$   
 $18,510 \div 5$
- 2) At the flea market Sam found 4 buckets of LEGOs with each bucket containing 2,454 LEGO pieces. If he wanted to split the LEGO pieces into 6 piles, how many pieces should he put into each pile?  $2,454 \times 4$   
 $9,816 \div 6$
- 3) A donation center had filled up 99 small bins with canned food with each bin containing 12 cans. They plan to send the cans out to 6 food banks but want to give each food bank the same number of cans. How many cans should they give to each food bank?  $12 \times 99$   
 $1,188 \div 6$
- 4) A king size candy bars costs \$2 with each candy bar having 1,089 calories. If you bought 6 candy bars and took 3 days eating them (eating the same amount each day) how many calories would you consume a day?  $1,089 \times 6$   
 $6,534 \div 3$
- 5) A restaurant owner bought 5 boxes of disposable cups for \$111, with each box containing 3,150 cups. If he wanted to divvy up the cups among his 9 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?  $3,150 \times 5$   
 $15,750 \div 9$
- 6) At a potato chip factory there were 18 machines working with each machine able to produce 81 chips a minute. If this is enough potato chips to fill 9 shipping boxes, how many chips are there per box?  $81 \times 18$   
 $1,458 \div 9$
- 7) Haley's mother had 26 small photo albums filled with 36 photos in each. In order to save some space she bought 6 larger albums with each album having 45 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?  $36 \times 26$   
 $936 \div 6$
- 8) Over the course of 20 weeks Carol collected 14 pounds of cans to recycle and Mike collected 4 times as much as Carol. Mike then put his collection into 2 bags to take to the recycling center. How many pounds of cans did Mike put into each bag?  $14 \times 4$   
 $56 \div 2$

**Answers**1. **3,702**2. **1,636**3. **198**4. **2,178**5. **1,750**6. **162**7. **156**8. **28**