

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

- 1) Debby was planning to marathon watch episodes of her favorite show. The show had 56 episodes with each episode lasting exactly 29 minutes. If she planned to spend 7 days watching the show how many minutes should she watch each day?
- 2) Frank developed a game for phones that he sold for \$2. After the first week he discovered he had 3,424 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had  $\frac{1}{4}$  who bought the full game. How many boys bought the full game?
- 3) Over the course of 13 weeks Vanessa collected 12 pounds of cans to recycle and Oliver collected 8 times as much as Vanessa. Oliver then put his collection into 4 bags to take to the recycling center. How many pounds of cans did Oliver put into each bag?
- 4) At Maria's bakery over the course of a year she sold 96 birthday cakes for \$51 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) An industrial machine made 3,620 cans of diet sodas and 3 times as many regular sodas over the course of 59 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) At the flea market Dave found 7 buckets of LEGOs with each bucket containing 4,671 LEGO pieces. If he wanted to split the LEGO pieces into 3 piles, how many pieces should he put into each pile?
- 7) A king size candy bars costs \$1 with each candy bar having 1,544 calories. If you bought 3 candy bars and took 4 days eating them (eating the same amount each day) how many calories would you consume a day?
- 8) Carol's mother had 15 small photo albums filled with 72 photos in each. In order to save some space she bought 8 larger albums with each album having 39 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?

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3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
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8. \_\_\_\_\_



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Answers

1. 232
2. 5,136
3. 24
4. 612
5. 2,715
6. 10,899
7. 1,158
8. 135