Solve each problem.

1) Tiffany was planning to marathon watch episodes of her favorite show. The show had 16 episodes with each episode lasting exactly 30 minutes. If she planned to spend 2 days watching the show how many minutes should she watch each day?

1. _____

2. _____

2) The owner of a malt shop spent $1 buying 5 boxes of cups with each box containing 513 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?

3. _____

4. _____

5. _____

3) Mike developed a game for phones that he sold for $1. After the first week he discovered he had 1,404 downloads from girls and 7 times as many boys download the game. Of the boys who downloaded it he only had 1/9 who bought the full game. How many boys bought the full game?

6. _____

7. _____

4) A contractor bought 24 boxes of nails at a price of $2 per box. Each box contained contained 88 nails. If he distributed the nails to the 8 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

8. _____

5) Over the course of 14 weeks Bianca collected 9 pounds of cans to recycle and Kaleb collected 6 times as much as Bianca. Kaleb then put his collection into 9 bags to take to the recycling center. How many pounds of cans did Kaleb put into each bag?

6) A developer was buying land. He bought 6 acres at $1,220 per acre. He then split the land he purchased into 2 lots. How much should he sell each lot for just to break even?

7) An industrial machine made 7,284 cans of diet sodas and 2 times as many regular sodas over the course of 53 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) Debby's mother had 22 small photo albums filled with 90 photos in each. In order to save some space she bought 5 larger albums with each album having 86 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?

Name:

Solve each problem.

Answers

1) Tiffany was planning to marathon watch episodes of her favorite show. The show had 16 episodes with each episode lasting exactly 30 minutes. If she planned to spend 2 days watching the show how many minutes should she watch each day?

1. _____ **240**

2. _____ **855**

2) The owner of a malt shop spent $1 buying 5 boxes of cups with each box containing 513 cups. If he expected the cups to last 3 months, how many cups does he plan to use each month?

3. _____ **1,092**

4. _____ **264**

3) Mike developed a game for phones that he sold for $1. After the first week he discovered he had 1,404 downloads from girls and 7 times as many boys download the game. Of the boys who downloaded it he only had 1/9 who bought the full game. How many boys bought the full game?

5. _____ **6**

6. _____ **3,660**

7. _____ **3,642**

4) A contractor bought 24 boxes of nails at a price of $2 per box. Each box contained contained 88 nails. If he distributed the nails to the 8 houses he was building and made sure each house received the same number of nails, how many nails would each house get?

8. _____ **396**

5) Over the course of 14 weeks Bianca collected 9 pounds of cans to recycle and Kaleb collected 6 times as much as Bianca. Kaleb then put his collection into 9 bags to take to the recycling center. How many pounds of cans did Kaleb put into each bag?

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Math