Name:

Solve each problem.

1) A contractor bought 49 boxes of nails at a price of $3 per box. Each box contained contained 39 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. _____

2) Katie's mother had 16 small photo albums filled with 80 photos in each. In order to save some space she bought 4 larger albums with each album having 79 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?

3. _____

4. _____

5. _____

3) An industrial machine made 1,624 cans of diet sodas and 5 times as many regular sodas over the course of 45 minutes. The regular sodas were then placed into 7 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

6. _____

7. _____

4) At Carol's bakery over the course of a year she sold 36 birthday cakes for $73 a cake. At the end of the year she determined that for each cake she sold she had spent 1/6 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

8. _____

5) Frank developed a game for phones that he sold for $4. After the first week he discovered he had 3,024 downloads from girls and 7 times as many boys download the game. Of the boys who downloaded it he only had 1/6 who bought the full game. How many boys bought the full game?

6) A developer was buying land. He bought 9 acres at $1,648 per acre. He then split the land he purchased into 8 lots. How much should he sell each lot for just to break even?

7) A restaurant owner bought 7 boxes of disposable cups for $129, with each box containing 3,894 cups. If he wanted to divvy up the cups among his 3 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

8) Over the course of 19 weeks Haley collected 9 pounds of cans to recycle and John collected 8 times as much as Haley. John then put his collection into 9 bags to take to the recycling center. How many pounds of cans did John put into each bag?

Math

Name: **Answer Key**

Solve each problem.

Answers

1) A contractor bought 49 boxes of nails at a price of $3 per box. Each box contained contained 39 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. **637**

2. **320**

2) Katie's mother had 16 small photo albums filled with 80 photos in each. In order to save some space she bought 4 larger albums with each album having 79 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?

3. **1,160**

4. **438**

3) An industrial machine made 1,624 cans of diet sodas and 5 times as many regular sodas over the course of 45 minutes. The regular sodas were then placed into 7 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

5. **3,528**

6. **1,854**

7. **9,086**

4) At Carol's bakery over the course of a year she sold 36 birthday cakes for $73 a cake. At the end of the year she determined that for each cake she sold she had spent 1/6 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

8. **8**

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Math

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0