Two Step Problems   Name:

Solve each problem.

1) At the flea market Tom found 5 buckets of LEGOs with each bucket containing 5,718 LEGO pieces. If he wanted to split the LEGO pieces into 6 piles, how many pieces should he put into each pile?

1. _____

2. _____

2) A developer was buying land. He bought 7 acres at $1,868 per acre. He then split the land he purchased into 4 lots. How much should he sell each lot for just to break even?

3. _____

4. _____

5. _____

3) At a potato chip factory there were 80 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?

6. _____

7. _____

4) At Haley's bakery over the course of a year she sold 8 birthday cakes for $68 a cake. At the end of the year she determined that for each cake she sold she had spent 1/8 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

8. _____

5) Dave developed a game for phones that he sold for $3. After the first week he discovered he had 9,912 downloads from girls and 6 times as many boys download the game. Of the boys who downloaded it he only had 1/8 who bought the full game. How many boys bought the full game?

6) A restaurant owner bought 7 boxes of disposable cups for $117, with each box containing 4,575 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?

7) A king size candy bars costs $2 with each candy bar having 1,384 calories. If you bought 5 candy bars and took 4 days eating them (eating the same amount each day) how many calories would you consume a day?

8) Vanessa's mother had 25 small photo albums filled with 81 photos in each. In order to save some space she bought 9 larger albums with each album having 98 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) At the flea market Tom found 5 buckets of LEGOs with each bucket containing 5,718 LEGO pieces. If he wanted to split the LEGO pieces into 6 piles, how many pieces should he put into each pile?

1. _____ **4,765**

2. _____ **3,269**

2) A developer was buying land. He bought 7 acres at $1,868 per acre. He then split the land he purchased into 4 lots. How much should he sell each lot for just to break even?

3. _____ **720**

4. _____ **68**

5. _____ **7,434**

3) At a potato chip factory there were 80 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?

6. _____ **10,675**

7. _____ **1,730**

4) At Haley's bakery over the course of a year she sold 8 birthday cakes for $68 a cake. At the end of the year she determined that for each cake she sold she had spent 1/8 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

8. _____ **225**

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