Name:

Solve each problem.

1) At a potato chip factory there were 13 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?

1. _____

2. _____

3. _____

2) A contractor bought 81 boxes of nails at a price of $1 per box. Each box contained contained 32 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?

4. _____

5. _____

3) Janet's mother had 24 small photo albums filled with 90 photos in each. In order to save some space she bought 6 larger albums with each album having 88 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?

6. _____

7. _____

4) George developed a game for phones that he sold for $1. After the first week he discovered he had 2,691 downloads from girls and 8 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?

8. _____

5) A developer was buying land. He bought 6 acres at $1,416 per acre. He then split the land he purchased into 8 lots. How much should he sell each lot for just to break even?

6) At the flea market Edward found 3 buckets of LEGOs with each bucket containing 3,074 LEGO pieces. If he wanted to split the LEGO pieces into 2 piles, how many pieces should he put into each pile?

7) While playing a game Katie defeated 3 enemies with each enemy defeated earning her 6,454 points. If she traded in all her points for 7 extra lives, how many points is it per life?

8) At Maria's bakery over the course of a year she sold 68 birthday cakes for $88 a cake. At the end of the year she determined that for each cake she sold she had spent 1/4 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

Solve each problem.

Answers

1) At a potato chip factory there were 13 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?

1. ____**117**____

2. ____**324**____

2) A contractor bought 81 boxes of nails at a price of $1 per box. Each box contained contained 32 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?

3. ____**360**____

4. ____**2,392**____

5. ____**1,062**____

3) Janet's mother had 24 small photo albums filled with 90 photos in each. In order to save some space she bought 6 larger albums with each album having 88 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?

6. ____**4,611**____

7. ____**2,766**____

4) George developed a game for phones that he sold for $1. After the first week he discovered he had 2,691 downloads from girls and 8 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?

8. ____**1,496**____

5) A developer was buying land. He bought 6 acres at $1,416 per acre. He then split the land he purchased into 8 lots. How much should he sell each lot for just to break even?

6) At the flea market Edward found 3 buckets of LEGOs with each bucket containing 3,074 LEGO pieces. If he wanted to split the LEGO pieces into 2 piles, how many pieces should he put into each pile?

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