Solve each problem.

1) A contractor bought 37 boxes of nails at a price of $3 per box. Each box contained contained 68 nails. If he distributed the nails to the 2 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) While playing a game Olivia defeated 6 enemies with each enemy defeated earning her 5,391 points. If she traded in all her points for 9 extra lives, how many points is it per life?

3. _____

4. _____

3) At a potato chip factory there were 11 machines working with each machine able to produce 72 chips a minute. If this is enough potato chips to fill 2 shipping boxes, how many chips are there per box?

5. _____

6. _____

7. _____

4) A restaurant owner bought 5 boxes of disposable cups for $72, with each box containing 1,784 cups. If he wanted to divvy up the cups among his 2 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

8. _____

5) At the flea market Cody found 2 buckets of LEGOs with each bucket containing 9,964 LEGO pieces. If he wanted to split the LEGO pieces into 4 piles, how many pieces should he put into each pile?

6) Kaleb developed a game for phones that he sold for $2. After the first week he discovered he had 7,320 downloads from girls and 2 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?

7) A developer was buying land. He bought 4 acres at $1,791 per acre. He then split the land he purchased into 9 lots. How much should he sell each lot for just to break even?

8) Over the course of 20 weeks Vanessa collected 18 pounds of cans to recycle and Edward collected 6 times as much as Vanessa. Edward then put his collection into 9 bags to take to the recycling center. How many pounds of cans did Edward put into each bag?

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1. ____ **1,258** ____

2. ____ **3,594** ____

2) While playing a game Olivia defeated 6 enemies with each enemy defeated earning her 5,391 points. If she traded in all her points for 9 extra lives, how many points is it per life?

3. ____ **396** ____

4. ____ **4,460** ____

3) At a potato chip factory there were 11 machines working with each machine able to produce 72 chips a minute. If this is enough potato chips to fill 2 shipping boxes, how many chips are there per box?

5. ____ **4,982** ____

6. ____ **2,440** ____

7. ____ **796** ____

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8. ____ **12** ____

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