

**Solve each problem.****Answers**

- 1) A contractor bought 37 boxes of nails at a price of \$3 per box. Each box 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?
- 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) 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?
- 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?
- 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?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



Solve each problem.

Answers

- | | |
|---|-----------------|
| 1) A contractor bought 37 boxes of nails at a price of \$3 per box. Each box 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. <u>1,258</u> |
| 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? | 2. <u>3,594</u> |
| 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? | 3. <u>396</u> |
| 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? | 4. <u>4,460</u> |
| 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? | 5. <u>4,982</u> |
| 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? | 6. <u>2,440</u> |
| 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? | 7. <u>796</u> |
| 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? | 8. <u>12</u> |