Two Step Problems   Name:

Solve each problem.

1) At a potato chip factory there were 66 machines working with each machine able to produce 48 chips a minute. If this is enough potato chips to fill 6 shipping boxes, how many chips are there per box?

1. _____

2. _____

2) A restaurant owner bought 5 boxes of disposable cups for $121, with each box containing 3,870 cups. If he wanted to divvy up the cups among his 6 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

3. _____

4. _____

5. _____

3) Tiffany's mother had 30 small photo albums filled with 45 photos in each. In order to save some space she bought 5 larger albums with each album having 67 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) A contractor bought 54 boxes of nails at a price of $3 per box. Each box contained contained 48 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?

8. _____

5) Robin was planning to marathon watch episodes of her favorite show. The show had 56 episodes with each episode lasting exactly 29 minutes. If she planned to spend 8 days watching the show how many minutes should she watch each day?

6) While playing a game Olivia defeated 5 enemies with each enemy defeated earning her 9,222 points. If she traded in all her points for 3 extra lives, how many points is it per life?

7) An industrial machine made 9,240 cans of diet sodas and 3 times as many regular sodas over the course of 56 minutes. The regular sodas were then placed into 6 shipping boxes with each shipping box containing the same number of sodas. How many regular sodas were in each shipping box.

8) At Nancy's bakery over the course of a year she sold 62 birthday cakes for $55 a cake. At the end of the year she determined that for each cake she sold she had spent 1/2 of the sale price on ingredients. How much money did she spend on ingredients for cakes?

| | Two Step Problems | Name: | |

Solve each problem.

1) At a potato chip factory there were 66 machines working with each machine able to produce 48 chips a minute. If this is enough potato chips to fill 6 shipping boxes, how many chips are there per box?

1. **528**

2) A restaurant owner bought 5 boxes of disposable cups for $121, with each box containing 3,870 cups. If he wanted to divvy up the cups among his 6 restaurants, with each restaurant getting the same number of cups, how many cups should each store get?

2. **3,225**

3. **270**

4. **864**

3) Tiffany's mother had 30 small photo albums filled with 45 photos in each. In order to save some space she bought 5 larger albums with each album having 67 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?

5. **203**

6. **15,370**

7. **4,620**

4) A contractor bought 54 boxes of nails at a price of $3 per box. Each box contained contained 48 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?

8. **1,705**

5) Robin was planning to marathon watch episodes of her favorite show. The show had 56 episodes with each episode lasting exactly 29 minutes. If she planned to spend 8 days watching the show how many minutes should she watch each day?

6) While playing a game Olivia defeated 5 enemies with each enemy defeated earning her 9,222 points. If she traded in all her points for 3 extra lives, how many points is it per life?

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