

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

- 1) An airline has six hundred twelve pieces of luggage to put away. If each luggage compartment will hold five pieces of luggage, how many will be in the compartment that isn't full?
- 2) A cafeteria was putting milk cartons into stacks. They had three hundred forty-eight cartons and were putting them into stacks with five cartons in each stack. How many full stacks could they make?
- 3) An art museum had four hundred ninety-seven pictures to split equally into three different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 4) A clown needed seven hundred sixty-seven balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?
- 5) Lana had five hundred sixty-nine photos to put into a photo album. If each page holds five photos, how many full pages will she have?
- 6) A box of cupcakes cost \$four. If you had nine hundred twenty-six dollars and bought as many boxes as you could, how much money would you have left?
- 7) At the carnival, seven friends bought nine hundred thirty tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 8) Sam wanted to give each of his seven friends an equal amount of candy. At the store he bought five hundred thirty pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 9) There are three hundred forty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?
- 10) A recycling company had eight hundred seventy-one pounds of material to sort. To make it easier they split them into boxes with each full box having nine pounds, how many full boxes did they have?

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**Solve each problem.**

**Answers**

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|---|-------------------------------|---------------|
| 1) An airline has six hundred twelve pieces of luggage to put away. If each luggage compartment will hold five pieces of luggage, how many will be in the compartment that isn't full?                                    | $612 \div 5 = 122 \text{ r}2$ | 1. <u>2</u>   |
| 2) A cafeteria was putting milk cartons into stacks. They had three hundred forty-eight cartons and were putting them into stacks with five cartons in each stack. How many full stacks could they make?                  | $348 \div 5 = 69 \text{ r}3$  | 2. <u>69</u>  |
| 3) An art museum had four hundred ninety-seven pictures to split equally into three different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?                             | $497 \div 3 = 165 \text{ r}2$ | 3. <u>1</u>   |
| 4) A clown needed seven hundred sixty-seven balloons for a party he was going to, but the balloons only came in packs of two. How many packs of balloons would he need to buy?  | $767 \div 2 = 383 \text{ r}1$ | 4. <u>384</u> |
| 5) Lana had five hundred sixty-nine photos to put into a photo album. If each page holds five photos, how many full pages will she have?  | $569 \div 5 = 113 \text{ r}4$ | 5. <u>113</u> |
| 6) A box of cupcakes cost \$four. If you had nine hundred twenty-six dollars and bought as many boxes as you could, how much money would you have left?   | $926 \div 4 = 231 \text{ r}2$ | 6. <u>2</u>   |
| 7) At the carnival, seven friends bought nine hundred thirty tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?                           | $930 \div 7 = 132 \text{ r}6$ | 7. <u>1</u>   |
| 8) Sam wanted to give each of his seven friends an equal amount of candy. At the store he bought five hundred thirty pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? | $530 \div 7 = 75 \text{ r}5$  | 8. <u>2</u>   |
| 9) There are three hundred forty-eight people attending a luncheon. If a table can hold five people, how many tables do they need?  | $348 \div 5 = 69 \text{ r}3$  | 9. <u>70</u>  |
| 10) A recycling company had eight hundred seventy-one pounds of material to sort. To make it easier they split them into boxes with each full box having nine pounds, how many full boxes did they have?                  | $871 \div 9 = 96 \text{ r}7$  | 10. <u>96</u> |



Solve each problem.

**Answers**

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|---|---|-----|-----|----|
| 1 | 2 | 384 | 96  | 69 |
| 2 | 2 | 1   | 113 | 70 |

- 1) An airline has 612 pieces of luggage to put away. If each luggage compartment will hold 5 pieces of luggage, how many will be in the compartment that isn't full?
- 2) A cafeteria was putting milk cartons into stacks. They had 348 cartons and were putting them into stacks with 5 cartons in each stack. How many full stacks could they make?
- 3) An art museum had 497 pictures to split equally into 3 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 4) A clown needed 767 balloons for a party he was going to, but the balloons only came in packs of 2. How many packs of balloons would he need to buy?
- 5) Lana had 569 photos to put into a photo album. If each page holds 5 photos, how many full pages will she have?
- 6) A box of cupcakes cost \$4. If you had 926 dollars and bought as many boxes as you could, how much money would you have left?
- 7) At the carnival, 7 friends bought 930 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 8) Sam wanted to give each of his 7 friends an equal amount of candy. At the store he bought 530 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 9) There are 348 people attending a luncheon. If a table can hold 5 people, how many tables do they need?
- 10) A recycling company had 871 pounds of material to sort. To make it easier they split them into boxes with each full box having 9 pounds, how many full boxes did they have?

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