

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

- 1) An airline has four hundred sixteen pieces of luggage to put away. If each luggage compartment will hold thirty-eight pieces of luggage, how many will be in the compartment that isn't full?
- 2) There are eight hundred ninety-nine students going to a trivia competition. If each school van can hold twenty-six students, how many vans will they need?
- 3) It takes twenty-three apples to make an apple pie. If a chef bought eight hundred ninety-eight apples, the last pie would need how many more apples?
- 4) A botanist picked nine hundred sixty-five flowers. She wanted to put them into thirty bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 5) A container can hold fourteen orange slices. If a company had seven hundred eighty-six orange slices to put into containers, how many more slices would they need to fill up the last container?
- 6) A vat of orange juice was eight hundred twenty-eight pints. If you wanted to pour the vat into twenty-four glasses with the same amount in each glass, how many pints would be in each glass?
- 7) George had four hundred fifty-seven baseball cards he's putting into a binder with thirty on each page. How many cards will he have on the page that isn't full?
- 8) Paul was trying to beat his old score of eight hundred eighty-seven points in a video game. If he scores exactly forty points each round, how many rounds would he need to play to beat his old score?
- 9) Each house a carpenter builds needs twelve sinks. If he bought three hundred sixty-two sinks, how many houses would that cover?
- 10) A cafeteria was putting milk cartons into stacks. They had six hundred sixteen cartons and were putting them into stacks with thirty-four cartons in each stack. How many full stacks could they make?

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

1) An airline has four hundred sixteen pieces of luggage to put away. If each luggage compartment will hold thirty-eight pieces of luggage, how many will be in the compartment that isn't full?	$416 \div 38 = 10 \text{ r}36$	1. <u>36</u>
2) There are eight hundred ninety-nine students going to a trivia competition. If each school van can hold twenty-six students, how many vans will they need?	$899 \div 26 = 34 \text{ r}15$	2. <u>35</u>
3) It takes twenty-three apples to make an apple pie. If a chef bought eight hundred ninety-eight apples, the last pie would need how many more apples?	$898 \div 23 = 39 \text{ r}1$	3. <u>22</u>
4) A botanist picked nine hundred sixty-five flowers. She wanted to put them into thirty bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	$965 \div 30 = 32 \text{ r}5$	4. <u>25</u>
5) A container can hold fourteen orange slices. If a company had seven hundred eighty-six orange slices to put into containers, how many more slices would they need to fill up the last container?	$786 \div 14 = 56 \text{ r}2$	5. <u>12</u>
6) A vat of orange juice was eight hundred twenty-eight pints. If you wanted to pour the vat into twenty-four glasses with the same amount in each glass, how many pints would be in each glass?	$828 \div 24 = 34 \text{ r}12$	6. <u>34</u>
7) George had four hundred fifty-seven baseball cards he's putting into a binder with thirty on each page. How many cards will he have on the page that isn't full?	$457 \div 30 = 15 \text{ r}7$	7. <u>7</u>
8) Paul was trying to beat his old score of eight hundred eighty-seven points in a video game. If he scores exactly forty points each round, how many rounds would he need to play to beat his old score?	$887 \div 40 = 22 \text{ r}7$	8. <u>23</u>
9) Each house a carpenter builds needs twelve sinks. If he bought three hundred sixty-two sinks, how many houses would that cover?	$362 \div 12 = 30 \text{ r}2$	9. <u>30</u>
10) A cafeteria was putting milk cartons into stacks. They had six hundred sixteen cartons and were putting them into stacks with thirty-four cartons in each stack. How many full stacks could they make?	$616 \div 34 = 18 \text{ r}4$	10. <u>18</u>



Solve each problem.

Answers

22	7	23	12	30
35	34	18	36	25

- 1) An airline has 416 pieces of luggage to put away. If each luggage compartment will hold 38 pieces of luggage, how many will be in the compartment that isn't full?
- 2) There are 899 students going to a trivia competition. If each school van can hold 26 students, how many vans will they need?
- 3) It takes 23 apples to make an apple pie. If a chef bought 898 apples, the last pie would need how many more apples?
- 4) A botanist picked 965 flowers. She wanted to put them into 30 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 5) A container can hold 14 orange slices. If a company had 786 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 6) A vat of orange juice was 828 pints. If you wanted to pour the vat into 24 glasses with the same amount in each glass, how many pints would be in each glass?
- 7) George had 457 baseball cards he's putting into a binder with 30 on each page. How many cards will he have on the page that isn't full?
- 8) Paul was trying to beat his old score of 887 points in a video game. If he scores exactly 40 points each round, how many rounds would he need to play to beat his old score?
- 9) Each house a carpenter builds needs 12 sinks. If he bought 362 sinks, how many houses would that cover?
- 10) A cafeteria was putting milk cartons into stacks. They had 616 cartons and were putting them into stacks with 34 cartons in each stack. How many full stacks could they make?

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