

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

- 1) An airline has one hundred eighty-seven pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?
- 2) A librarian had to pack five hundred thirteen books into boxes. If each box can hold two books, how many boxes did she need?
- 3) A store owner had five employees and bought four hundred thirty-four uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?
- 4) A truck can hold seven boxes. If you needed to move four hundred eighty-nine boxes across town, how many trips would you need to make?
- 5) Paige is making bead necklaces. She wants to use nine hundred nine beads to make two necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 6) A baker had seven boxes for donuts. He ended up making one hundred thirty-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 7) A movie store had seven hundred thirty-two movies they were putting on five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 8) A flash drive could hold four gigs of data. If you needed to store nine hundred seven gigs, how many flash drive would you need?
- 9) A recycling company had two hundred eighty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?
- 10) A cafeteria was putting milk cartons into stacks. They had two hundred twenty-nine cartons and were putting them into stacks with two cartons in each stack. How many full stacks could they make?

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



Solve each problem.

		<u>Answers</u>
1) An airline has one hundred eighty-seven pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?	$187 \div 8 = 23 \text{ r}3$	1. <u>3</u>
2) A librarian had to pack five hundred thirteen books into boxes. If each box can hold two books, how many boxes did she need?	$513 \div 2 = 256 \text{ r}1$	2. <u>257</u> 3. <u>1</u>
3) A store owner had five employees and bought four hundred thirty-four uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?	$434 \div 5 = 86 \text{ r}4$	4. <u>70</u> 5. <u>1</u>
4) A truck can hold seven boxes. If you needed to move four hundred eighty-nine boxes across town, how many trips would you need to make?	$489 \div 7 = 69 \text{ r}6$	6. <u>5</u> 7. <u>3</u>
5) Paige is making bead necklaces. She wants to use nine hundred nine beads to make two necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?	$909 \div 2 = 454 \text{ r}1$	8. <u>227</u> 9. <u>41</u>
6) A baker had seven boxes for donuts. He ended up making one hundred thirty-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$138 \div 7 = 19 \text{ r}5$	10. <u>114</u>
7) A movie store had seven hundred thirty-two movies they were putting on five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$732 \div 5 = 146 \text{ r}2$	
8) A flash drive could hold four gigs of data. If you needed to store nine hundred seven gigs, how many flash drive would you need?	$907 \div 4 = 226 \text{ r}3$	
9) A recycling company had two hundred eighty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having seven pounds, how many full boxes did they have?	$289 \div 7 = 41 \text{ r}2$	
10) A cafeteria was putting milk cartons into stacks. They had two hundred twenty-nine cartons and were putting them into stacks with two cartons in each stack. How many full stacks could they make?	$229 \div 2 = 114 \text{ r}1$	



Solve each problem.

227	70	5	114	3
41	3	1	1	257

Answers

1) An airline has 187 pieces of luggage to put away. If each luggage compartment will hold 8 pieces of luggage, how many will be in the compartment that isn't full?

1. _____

2) A librarian had to pack 513 books into boxes. If each box can hold 2 books, how many boxes did she need?

2. _____

3) A store owner had 5 employees and bought 434 uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

3. _____

4) A truck can hold 7 boxes. If you needed to move 489 boxes across town, how many trips would you need to make?

4. _____

5) Paige is making bead necklaces. She wants to use 909 beads to make 2 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

5. _____

6) A baker had 7 boxes for donuts. He ended up making 138 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

6. _____

7) A movie store had 732 movies they were putting on 5 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

7. _____

8) A flash drive could hold 4 gigs of data. If you needed to store 907 gigs, how many flash drive would you need?

8. _____

9) A recycling company had 289 pounds of material to sort. To make it easier they split them into boxes with each full box having 7 pounds, how many full boxes did they have?

9. _____

10) A cafeteria was putting milk cartons into stacks. They had 229 cartons and were putting them into stacks with 2 cartons in each stack. How many full stacks could they make?

10. _____