

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

- 1) Emily had two hundred thirty-seven pennies. She wanted to place the pennies into twenty-eight stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 2) A container can hold twenty-eight orange slices. If a company had two hundred ninety-three orange slices to put into containers, how many more slices would they need to fill up the last container?
- 3) Mike had three hundred seventy-four 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?
- 4) There are one hundred ninety-two students going to a trivia competition. If each school van can hold forty-two students, how many vans will they need?
- 5) Each house a carpenter builds needs forty-five sinks. If he bought eight hundred eighty-four sinks, how many houses would that cover?
- 6) Luke was trying to beat his old score of six hundred forty points in a video game. If he scores exactly forty-four points each round, how many rounds would he need to play to beat his old score?
- 7) A box of cupcakes cost \$thirty-seven. If you had six hundred ninety-five dollars and bought as many boxes as you could, how much money would you have left?
- 8) Will had five hundred twelve pieces of candy. If he wants to split the candy into twenty-five bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 9) Robin received eight hundred twenty-four dollars for her birthday. Later she found some toys that cost ten dollars each. How much money would she have left if she bought as many as she could?
- 10) A cafeteria was putting milk cartons into stacks. They had nine hundred seventy-three cartons and were putting them into stacks with thirty-two cartons in each stack. How many full stacks could they make?

1. _____
2. _____
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4. _____
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9. _____
10. _____

**Solve each problem.**

- 1) Emily had two hundred thirty-seven pennies. She wanted to place the pennies into twenty-eight stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
 $237\div 28 = 8 \text{ r}13$
- 2) A container can hold twenty-eight orange slices. If a company had two hundred ninety-three orange slices to put into containers, how many more slices would they need to fill up the last container?
 $293\div 28 = 10 \text{ r}13$
- 3) Mike had three hundred seventy-four 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?
 $374\div 30 = 12 \text{ r}14$
- 4) There are one hundred ninety-two students going to a trivia competition. If each school van can hold forty-two students, how many vans will they need?
 $192\div 42 = 4 \text{ r}24$
- 5) Each house a carpenter builds needs forty-five sinks. If he bought eight hundred eighty-four sinks, how many houses would that cover?
 $884\div 45 = 19 \text{ r}29$
- 6) Luke was trying to beat his old score of six hundred forty points in a video game. If he scores exactly forty-four points each round, how many rounds would he need to play to beat his old score?
 $640\div 44 = 14 \text{ r}24$
- 7) A box of cupcakes cost \$thirty-seven. If you had six hundred ninety-five dollars and bought as many boxes as you could, how much money would you have left?
 $695\div 37 = 18 \text{ r}29$
- 8) Will had five hundred twelve pieces of candy. If he wants to split the candy into twenty-five bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
 $512\div 25 = 20 \text{ r}12$
- 9) Robin received eight hundred twenty-four dollars for her birthday. Later she found some toys that cost ten dollars each. How much money would she have left if she bought as many as she could?
 $824\div 10 = 82 \text{ r}4$
- 10) A cafeteria was putting milk cartons into stacks. They had nine hundred seventy-three cartons and were putting them into stacks with thirty-two cartons in each stack. How many full stacks could they make?
 $973\div 32 = 30 \text{ r}13$

Answers

1. 15
2. 15
3. 14
4. 5
5. 19
6. 15
7. 29
8. 13
9. 4
10. 30



Solve each problem.

Answers

30	29	15	5	15
14	15	19	13	4

- 1) Emily had 237 pennies. She wanted to place the pennies into 28 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 2) A container can hold 28 orange slices. If a company had 293 orange slices to put into containers, how many more slices would they need to fill up the last container?
- 3) Mike had 374 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?
- 4) There are 192 students going to a trivia competition. If each school van can hold 42 students, how many vans will they need?
- 5) Each house a carpenter builds needs 45 sinks. If he bought 884 sinks, how many houses would that cover?
- 6) Luke was trying to beat his old score of 640 points in a video game. If he scores exactly 44 points each round, how many rounds would he need to play to beat his old score?
- 7) A box of cupcakes cost \$37. If you had 695 dollars and bought as many boxes as you could, how much money would you have left?
- 8) Will had 512 pieces of candy. If he wants to split the candy into 25 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?
- 9) Robin received 824 dollars for her birthday. Later she found some toys that cost 10 dollars each. How much money would she have left if she bought as many as she could?
- 10) A cafeteria was putting milk cartons into stacks. They had 973 cartons and were putting them into stacks with 32 cartons in each stack. How many full stacks could they make?

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