

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

- 1) Each house a carpenter builds needs twenty-nine sinks. If he bought four hundred thirty-seven sinks, how many houses would that cover?
- 2) Carol had four hundred twenty-six pennies. She wanted to place the pennies into thirty-seven stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 3) A movie store had three hundred eighteen movies they were putting on twenty-five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 4) A restaurant needs to buy two hundred twenty-three new plates. If each box has thirty-nine plates in it, how many boxes will they need to buy?
- 5) A baker had sixteen boxes for donuts. He ended up making three hundred forty-six donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 6) A vat of orange juice was three hundred nine pints. If you wanted to pour the vat into forty-three glasses with the same amount in each glass, how many pints would be in each glass?
- 7) A clown needed eight hundred thirty-five balloons for a party he was going to, but the balloons only came in packs of ten. How many packs of balloons would he need to buy?
- 8) A new video game console needs sixteen computer chips. If a machine can create eight hundred twenty-seven computer chips a day, how many video game consoles can be created in a day?
- 9) There are one thousand fifteen people attending a luncheon. If a table can hold forty-seven people, how many tables do they need?
- 10) Billy had three hundred fifty-eight baseball cards he's putting into a binder with sixteen on each page. How many cards will he have on the page that isn't full?

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

1) Each house a carpenter builds needs twenty-nine sinks. If he bought four hundred thirty-seven sinks, how many houses would that cover?	$437\div 29 = 15 \text{ r}2$	1. <u>15</u>
2) Carol had four hundred twenty-six pennies. She wanted to place the pennies into thirty-seven stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	$426\div 37 = 11 \text{ r}19$	2. <u>18</u>
3) A movie store had three hundred eighteen movies they were putting on twenty-five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?	$318\div 25 = 12 \text{ r}18$	3. <u>7</u>
4) A restaurant needs to buy two hundred twenty-three new plates. If each box has thirty-nine plates in it, how many boxes will they need to buy?	$223\div 39 = 5 \text{ r}28$	4. <u>6</u>
5) A baker had sixteen boxes for donuts. He ended up making three hundred forty-six donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$346\div 16 = 21 \text{ r}10$	5. <u>10</u>
6) A vat of orange juice was three hundred nine pints. If you wanted to pour the vat into forty-three glasses with the same amount in each glass, how many pints would be in each glass?	$309\div 43 = 7 \text{ r}8$	6. <u>7</u>
7) A clown needed eight hundred thirty-five balloons for a party he was going to, but the balloons only came in packs of ten. How many packs of balloons would he need to buy?	$835\div 10 = 83 \text{ r}5$	7. <u>84</u>
8) A new video game console needs sixteen computer chips. If a machine can create eight hundred twenty-seven computer chips a day, how many video game consoles can be created in a day?	$827\div 16 = 51 \text{ r}11$	8. <u>51</u>
9) There are one thousand fifteen people attending a luncheon. If a table can hold forty-seven people, how many tables do they need?	$1015\div 47 = 21 \text{ r}28$	9. <u>22</u>
10) Billy had three hundred fifty-eight baseball cards he's putting into a binder with sixteen on each page. How many cards will he have on the page that isn't full?	$358\div 16 = 22 \text{ r}6$	10. <u>6</u>



Solve each problem.

Answers

7	6	84	22	10
18	7	51	6	15

- 1) Each house a carpenter builds needs 29 sinks. If he bought 437 sinks, how many houses would that cover?
- 2) Carol had 426 pennies. She wanted to place the pennies into 37 stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 3) A movie store had 318 movies they were putting on 25 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 4) A restaurant needs to buy 223 new plates. If each box has 39 plates in it, how many boxes will they need to buy?
- 5) A baker had 16 boxes for donuts. He ended up making 346 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 6) A vat of orange juice was 309 pints. If you wanted to pour the vat into 43 glasses with the same amount in each glass, how many pints would be in each glass?
- 7) A clown needed 835 balloons for a party he was going to, but the balloons only came in packs of 10. How many packs of balloons would he need to buy?
- 8) A new video game console needs 16 computer chips. If a machine can create 827 computer chips a day, how many video game consoles can be created in a day?
- 9) There are 1015 people attending a luncheon. If a table can hold 47 people, how many tables do they need?
- 10) Billy had 358 baseball cards he's putting into a binder with 16 on each page. How many cards will he have on the page that isn't full?

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