

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

- 1) Each house a carpenter builds needs eleven electric sockets. If he bought two hundred fifty-eight sockets, how many houses would that cover?
- 2) A box can hold eighteen brownies. If a baker made eight hundred seventy-two brownies, how many full boxes of brownies did he make?
- 3) A grocery store needed seven hundred forty-eight cans of peas. If the peas come in boxes with forty-one cans in each box, how many boxes would they need to order?
- 4) A pizza store had nine hundred seventeen pieces of pepperoni to put on their pizzas. If each pizza got ten pieces, how many extra pieces of pepperoni would they have?
- 5) Billy had seven hundred fifty-two marbles he's putting into bags with twenty-three in each bag. How many marbles will he have in the bag that isn't full?
- 6) A movie theater needed five hundred thirty-five popcorn buckets. If each package has thirty-eight buckets in it, how many packages will they need to buy?
- 7) Gwen received six hundred sixteen dollars for her birthday. Later she found some toys that cost thirty-seven dollars each. How much money would she have left if she bought as many as she could?
- 8) An art museum had nine hundred thirty-one pictures to split equally into twenty-eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 9) Olivia had nine hundred fifty-four 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?
- 10) A company had twenty-six employees and ordered eight hundred ninety-seven uniforms for them. If they wanted to give each employee the same number of uniforms, how many more should they order so they don't have any extra?

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

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| 1) Each house a carpenter builds needs eleven electric sockets. If he bought two hundred fifty-eight sockets, how many houses would that cover? | $258 \div 11 = 23 \text{ r}5$ | 1. <u>23</u> |
| 2) A box can hold eighteen brownies. If a baker made eight hundred seventy-two brownies, how many full boxes of brownies did he make? | $872 \div 18 = 48 \text{ r}8$ | 2. <u>48</u> |
| 3) A grocery store needed seven hundred forty-eight cans of peas. If the peas come in boxes with forty-one cans in each box, how many boxes would they need to order? | $748 \div 41 = 18 \text{ r}10$ | 3. <u>19</u> |
| 4) A pizza store had nine hundred seventeen pieces of pepperoni to put on their pizzas. If each pizza got ten pieces, how many extra pieces of pepperoni would they have? | $917 \div 10 = 91 \text{ r}7$ | 4. <u>7</u> |
| 5) Billy had seven hundred fifty-two marbles he's putting into bags with twenty-three in each bag. How many marbles will he have in the bag that isn't full? | $752 \div 23 = 32 \text{ r}16$ | 5. <u>16</u> |
| 6) A movie theater needed five hundred thirty-five popcorn buckets. If each package has thirty-eight buckets in it, how many packages will they need to buy? | $535 \div 38 = 14 \text{ r}3$ | 6. <u>15</u> |
| 7) Gwen received six hundred sixteen dollars for her birthday. Later she found some toys that cost thirty-seven dollars each. How much money would she have left if she bought as many as she could? | $616 \div 37 = 16 \text{ r}24$ | 7. <u>24</u> |
| 8) An art museum had nine hundred thirty-one pictures to split equally into twenty-eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? | $931 \div 28 = 33 \text{ r}7$ | 8. <u>21</u> |
| 9) Olivia had nine hundred fifty-four 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? | $954 \div 28 = 34 \text{ r}2$ | 9. <u>26</u> |
| 10) A company had twenty-six employees and ordered eight hundred ninety-seven uniforms for them. If they wanted to give each employee the same number of uniforms, how many more should they order so they don't have any extra? | $897 \div 26 = 34 \text{ r}13$ | 10. <u>13</u> |



Solve each problem.

Answers

7	23	19	48	24
16	15	26	21	13

- 1) Each house a carpenter builds needs 11 electric sockets. If he bought 258 sockets, how many houses would that cover?
- 2) A box can hold 18 brownies. If a baker made 872 brownies, how many full boxes of brownies did he make?
- 3) A grocery store needed 748 cans of peas. If the peas come in boxes with 41 cans in each box, how many boxes would they need to order?
- 4) A pizza store had 917 pieces of pepperoni to put on their pizzas. If each pizza got 10 pieces, how many extra pieces of pepperoni would they have?
- 5) Billy had 752 marbles he's putting into bags with 23 in each bag. How many marbles will he have in the bag that isn't full?
- 6) A movie theater needed 535 popcorn buckets. If each package has 38 buckets in it, how many packages will they need to buy?
- 7) Gwen received 616 dollars for her birthday. Later she found some toys that cost 37 dollars each. How much money would she have left if she bought as many as she could?
- 8) An art museum had 931 pictures to split equally into 28 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 9) Olivia had 954 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?
- 10) A company had 26 employees and ordered 897 uniforms for them. If they wanted to give each employee the same number of uniforms, how many more should they order so they don't have any extra?

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