

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

- 1) Lana had eight hundred fourteen pennies. She wanted to place the pennies into forty-three stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?
- 2) A truck can hold thirty-five boxes. If you needed to move four hundred forty-one boxes across town, how many trips would you need to make?
- 3) A school had four hundred forty-three students sign up for the trivia teams. If they wanted to have forty-one team, with the same number of students on each team, how many more students would need to sign up?
- 4) Rachel had nine hundred ninety-one songs on her mp3 player. If she wanted to put the songs equally into twenty-three different playlists, how many songs would she have left over?
- 5) A food company has six hundred thirty-six kilograms of food to put into boxes. If each box gets exactly forty kilograms, how many full boxes will they have?
- 6) A pizza store had five hundred fifty-four pieces of pepperoni to put on their pizzas. If each pizza got forty-four pieces, how many extra pieces of pepperoni would they have?
- 7) A botanist picked eight hundred seventy-one flowers. She wanted to put them into forty-three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 8) A machine in a candy company creates eight hundred eighteen pieces of candy a minute. If a small box of candy has forty-three pieces in it how many full boxes does the machine make in a minute?
- 9) Gwen received six hundred ninety-nine dollars for her birthday. Later she found some toys that cost twenty dollars each. How much money would she have left if she bought as many as she could?
- 10) A clown needed two hundred sixty-six balloons for a party he was going to, but the balloons only came in packs of thirty-five. How many packs of balloons would he need to buy?

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

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1) Lana had eight hundred fourteen pennies. She wanted to place the pennies into forty-three stacks, with the same amount in each stack. How many more pennies would she need so all the stacks would be equal?	$814\div 43 = 18 \text{ r}40$	1. <u>3</u>
2) A truck can hold thirty-five boxes. If you needed to move four hundred forty-one boxes across town, how many trips would you need to make?	$441\div 35 = 12 \text{ r}21$	2. <u>13</u>
3) A school had four hundred forty-three students sign up for the trivia teams. If they wanted to have forty-one team, with the same number of students on each team, how many more students would need to sign up?	$443\div 41 = 10 \text{ r}33$	3. <u>8</u>
4) Rachel had nine hundred ninety-one songs on her mp3 player. If she wanted to put the songs equally into twenty-three different playlists, how many songs would she have left over?	$991\div 23 = 43 \text{ r}2$	4. <u>2</u>
5) A food company has six hundred thirty-six kilograms of food to put into boxes. If each box gets exactly forty kilograms, how many full boxes will they have?	$636\div 40 = 15 \text{ r}36$	5. <u>15</u>
6) A pizza store had five hundred fifty-four pieces of pepperoni to put on their pizzas. If each pizza got forty-four pieces, how many extra pieces of pepperoni would they have?	$554\div 44 = 12 \text{ r}26$	6. <u>26</u>
7) A botanist picked eight hundred seventy-one flowers. She wanted to put them into forty-three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?	$871\div 43 = 20 \text{ r}11$	7. <u>32</u>
8) A machine in a candy company creates eight hundred eighteen pieces of candy a minute. If a small box of candy has forty-three pieces in it how many full boxes does the machine make in a minute?	$818\div 43 = 19 \text{ r}1$	8. <u>19</u>
9) Gwen received six hundred ninety-nine dollars for her birthday. Later she found some toys that cost twenty dollars each. How much money would she have left if she bought as many as she could?	$699\div 20 = 34 \text{ r}19$	9. <u>19</u>
10) A clown needed two hundred sixty-six balloons for a party he was going to, but the balloons only came in packs of thirty-five. How many packs of balloons would he need to buy?	$266\div 35 = 7 \text{ r}21$	10. <u>8</u>