Name:

Solve each problem.

1) A coat factory had seven hundred thirty-two coats. If they wanted to put them into eleven boxes, with the same number of coats in each box, how many extra coats would they have left over?

2) A truck can hold thirty-eight boxes. If you needed to move five hundred one boxes across town, how many trips would you need to make?

3) Janet had six hundred fifty-two songs on her mp3 player. If she wanted to put the songs equally into sixteen different playlists, how many songs would she have left over?

4) A cafeteria was putting milk cartons into stacks. They had three hundred eighty cartons and were putting them into stacks with thirty-six cartons in each stack. How many full stacks could they make?

5) Adam is trying to earn five hundred fifty-nine dollars for some new toys. If he charges forty dollars to mow a lawn, how many lawns will he need to mow to earn the money?

6) The roller coaster at the state fair costs forty-two tickets per ride. If you had five hundred one tickets, how many tickets would you have left if you rode it as many times as you could?

7) A botanist picked two hundred eight flowers. She wanted to put them into eighteen bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

8) A vat of orange juice was five hundred seventy-eight pints. If you wanted to pour the vat into twenty-five glasses with the same amount in each glass, how many pints would be in each glass?

9) Paige had saved up eight hundred sixty-four quarters and decided to spend them on sodas. If it costs forty-one quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

10) Bianca wanted to drink exactly fourteen bottles of water each day, so she bought three hundred seventy-five bottles when they were on sale. How many more bottles will she need to buy on the last day?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

4

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |

Name:

Solve each problem.

Answers

1) A coat factory had seven hundred thirty-two coats. If they wanted to put them into eleven boxes, with the same number of coats in each box, how many extra coats would they have left over?

$732 \div 11 = 66 \text{ r}6$

1. _____ **6**

2) A truck can hold thirty-eight boxes. If you needed to move five hundred one boxes across town, how many trips would you need to make?

$501 \div 38 = 13 \text{ r}7$

2. _____ **14**

3. _____ **12**

3) Janet had six hundred fifty-two songs on her mp3 player. If she wanted to put the songs equally into sixteen different playlists, how many songs would she have left over?

$652 \div 16 = 40 \text{ r}12$

4. _____ **10**

5. _____ **14**

4) A cafeteria was putting milk cartons into stacks. They had three hundred eighty cartons and were putting them into stacks with thirty-six cartons in each stack. How many full stacks could they make?

$380 \div 36 = 10 \text{ r}20$

6. _____ **39**

7. _____ **8**

5) Adam is trying to earn five hundred fifty-nine dollars for some new toys. If he charges forty dollars to mow a lawn, how many lawns will he need to mow to earn the money?

$559 \div 40 = 13 \text{ r}39$

8. _____ **23**

9. _____ **38**

6) The roller coaster at the state fair costs forty-two tickets per ride. If you had five hundred one tickets, how many tickets would you have left if you rode it as many times as you could?

$501 \div 42 = 11 \text{ r}39$

10. _____ **3**

7) A botanist picked two hundred eight flowers. She wanted to put them into eighteen bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?

$208 \div 18 = 11 \text{ r}10$

8) A vat of orange juice was five hundred seventy-eight pints. If you wanted to pour the vat into twenty-five glasses with the same amount in each glass, how many pints would be in each glass?

$578 \div 25 = 23 \text{ r}3$

9) Paige had saved up eight hundred sixty-four quarters and decided to spend them on sodas. If it costs forty-one quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?

$864 \div 41 = 21 \text{ r}3$

10) Bianca wanted to drink exactly fourteen bottles of water each day, so she bought three hundred seventy-five bottles when they were on sale. How many more bottles will she need to buy on the last day?

$375 \div 14 = 26 \text{ r}11$

1-10	90	80	70	60	50	40	30	20	10	0