

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

- 1) Gwen had saved up seven hundred seventy-six dimes and decided to spend them on sodas. If it costs forty-two dimes for each soda from a soda machine, how many more dimes would she need to buy the final soda?
- 2) A school had seven hundred four students sign up for the trivia teams. If they wanted to have ten team, with the same number of students on each team, how many more students would need to sign up?
- 3) Debby wanted to drink exactly twenty-seven bottles of water each day, so she bought five hundred ten bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 4) A builder needed to buy eight hundred fifty-six nails for his latest project. If the nails he needs come in boxes of fifteen, how many boxes will he need to buy?
- 5) A cafeteria was putting milk cartons into stacks. They had six hundred twelve cartons and were putting them into stacks with thirty cartons in each sack. How many full stacks could they make?
- 6) A clown needed nine hundred seventy-five balloons for a party he was going to, but the balloons only came in packs of fourteen. How many packs of balloons would he need to buy?
- 7) There are six hundred fifty-four people attending a luncheon. If a table can hold twenty-four people, how many tables do they need?
- 8) A food company has five hundred twenty-three kilograms of food to put into boxes. If each box gets exactly seventeen kilograms, how many full boxes will they have?
- 9) It takes forty grams of plastic to make a ruler. If a company had two hundred seventy-two grams of plastic, how many entire rulers could they make?
- 10) A baker had twenty-nine boxes for donuts. He ended up making six hundred thirteen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

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9. _____
10. _____



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- 1) Gwen had saved up seven hundred seventy-six dimes and decided to spend them on sodas. If it costs forty-two dimes for each soda from a soda machine, how many more dimes would she need to buy the final soda? $776 \div 42 = 18 \text{ r}20$
- 2) A school had seven hundred four students sign up for the trivia teams. If they wanted to have ten team, with the same number of students on each team, how many more students would need to sign up? $704 \div 10 = 70 \text{ r}4$
- 3) Debby wanted to drink exactly twenty-seven bottles of water each day, so she bought five hundred ten bottles when they were on sale. How many more bottles will she need to buy on the last day? $510 \div 27 = 18 \text{ r}24$
- 4) A builder needed to buy eight hundred fifty-six nails for his latest project. If the nails he needs come in boxes of fifteen, how many boxes will he need to buy? $856 \div 15 = 57 \text{ r}1$
- 5) A cafeteria was putting milk cartons into stacks. They had six hundred twelve cartons and were putting them into stacks with thirty cartons in each sack. How many full stacks could they make? $612 \div 30 = 20 \text{ r}12$
- 6) A clown needed nine hundred seventy-five balloons for a party he was going to, but the balloons only came in packs of fourteen. How many packs of balloons would he need to buy? $975 \div 14 = 69 \text{ r}9$
- 7) There are six hundred fifty-four people attending a luncheon. If a table can hold twenty-four people, how many tables do they need? $654 \div 24 = 27 \text{ r}6$
- 8) A food company has five hundred twenty-three kilograms of food to put into boxes. If each box gets exactly seventeen kilograms, how many full boxes will they have? $523 \div 17 = 30 \text{ r}13$
- 9) It takes forty grams of plastic to make a ruler. If a company had two hundred seventy-two grams of plastic, how many entire rulers could they make? $272 \div 40 = 6 \text{ r}32$
- 10) A baker had twenty-nine boxes for donuts. He ended up making six hundred thirteen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with? $613 \div 29 = 21 \text{ r}4$

Answers

1. 22
2. 6
3. 3
4. 58
5. 20
6. 70
7. 28
8. 30
9. 6
10. 4



Solve each problem.

7	40	12	7	60
30	5	4	41	11

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