

**Determine the best answer for the following questions.**

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| 1) A post office has 793 pieces of junk mail they want to split evenly between 4 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? | $793 \div 4 = 198 \text{ r}1$ |
| 2) It takes 3 grams of plastic to make a ruler. If a company had 698 grams of plastic, how many entire rulers could they make? | $698 \div 3 = 232 \text{ r}2$ |
| 3) A movie store had 427 movies they were putting on 2 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need? | $427 \div 2 = 213 \text{ r}1$ |
| 4) A restaurant needs to buy 583 new plates. If each box has 2 plates in it, how many boxes will they need to buy? | $583 \div 2 = 291 \text{ r}1$ |
| 5) Chloe had saved up 817 quarters. If it costs 6 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? | $817 \div 6 = 136 \text{ r}1$ |
| 6) The roller coaster at the state fair costs 5 tickets per ride. If you had 582 tickets, how many tickets would you have left if you rode it as many times as you could? | $582 \div 5 = 116 \text{ r}2$ |
| 7) Sarah had 926 photos to put into photo albums. If each page holds 7 photos, how many full pages will she have? | $926 \div 7 = 132 \text{ r}2$ |
| 8) Lana had 783 songs on her mp3 player. If she wanted to put the songs equally into 6 different playlists, how many songs would she have left over? | $783 \div 6 = 130 \text{ r}3$ |
| 9) A machine in a candy company creates 887 pieces of candy a minute. If a small box of candy has 8 pieces in it how many full boxes does the machine make in a minute? | $887 \div 8 = 110 \text{ r}7$ |
| 10) A builder needed to buy 927 boards for his latest project. If the boards he needs come in packs of 6, how many packages will he need to buy? | $927 \div 6 = 154 \text{ r}3$ |
| 11) Mike is trying to earn 891 dollars for some new toys. If he charges 7 dollars to mow a lawn, how many lawns will he need to mow to earn the money? | $891 \div 7 = 127 \text{ r}2$ |
| 12) An art museum had 499 pictures to split equally into 4 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? | $499 \div 4 = 124 \text{ r}3$ |

Answers

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| 1. | 1 |
| 2. | 232 |
| 3. | 1 |
| 4. | 292 |
| 5. | 5 |
| 6. | 2 |
| 7. | 132 |
| 8. | 3 |
| 9. | 110 |
| 10. | 155 |
| 11. | 128 |
| 12. | 1 |