

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

- 1) Amy had saved up five hundred forty-nine quarters and decided to spend them on sodas. If it costs twenty-nine quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 2) A flash drive could hold sixteen gigs of data. If you needed to store three hundred forty-two gigs, how many flash drive would you need?
- 3) An art museum had four hundred forty-six pictures to split equally into nineteen different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 4) Gwen received four hundred fifty-nine dollars for her birthday. Later she found some toys that cost eighteen dollars each. How much money would she have left if she bought as many as she could?
- 5) A vat of orange juice was five hundred sixty-four pints. If you wanted to pour the vat into sixteen glasses with the same amount in each glass, how many pints would be in each glass?
- 6) A box of computer paper has six hundred eighty sheets left in it. If each printer in a computer lab needed forty-eight sheets how many printers would the box fill up?
- 7) Robin had seven hundred twenty-nine songs on her mp3 player. If she wanted to put the songs equally into fifteen different playlists, how many songs would she have left over?
- 8) Rachel is making bead necklaces. She wants to use two hundred thirty-four beads to make forty-six necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 9) There are three hundred sixteen people attending a luncheon. If a table can hold nineteen people, how many tables do they need?
- 10) A librarian had to pack five hundred thirty books into boxes. If each box can hold eleven books, how many boxes did she need?

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

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|---|--------------------------------|---------------|
| 1) Amy had saved up five hundred forty-nine quarters and decided to spend them on sodas. If it costs twenty-nine quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? | $549 \div 29 = 18 \text{ r}27$ | 1. <u>2</u> |
| 2) A flash drive could hold sixteen gigs of data. If you needed to store three hundred forty-two gigs, how many flash drive would you need? | $342 \div 16 = 21 \text{ r}6$ | 2. <u>22</u> |
| 3) An art museum had four hundred forty-six pictures to split equally into nineteen different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? | $446 \div 19 = 23 \text{ r}9$ | 3. <u>10</u> |
| 4) Gwen received four hundred fifty-nine dollars for her birthday. Later she found some toys that cost eighteen dollars each. How much money would she have left if she bought as many as she could? | $459 \div 18 = 25 \text{ r}9$ | 4. <u>9</u> |
| 5) A vat of orange juice was five hundred sixty-four pints. If you wanted to pour the vat into sixteen glasses with the same amount in each glass, how many pints would be in each glass? | $564 \div 16 = 35 \text{ r}4$ | 5. <u>35</u> |
| 6) A box of computer paper has six hundred eighty sheets left in it. If each printer in a computer lab needed forty-eight sheets how many printers would the box fill up? | $680 \div 48 = 14 \text{ r}8$ | 6. <u>14</u> |
| 7) Robin had seven hundred twenty-nine songs on her mp3 player. If she wanted to put the songs equally into fifteen different playlists, how many songs would she have left over? | $729 \div 15 = 48 \text{ r}9$ | 7. <u>9</u> |
| 8) Rachel is making bead necklaces. She wants to use two hundred thirty-four beads to make forty-six necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over? | $234 \div 46 = 5 \text{ r}4$ | 8. <u>4</u> |
| 9) There are three hundred sixteen people attending a luncheon. If a table can hold nineteen people, how many tables do they need? | $316 \div 19 = 16 \text{ r}12$ | 9. <u>17</u> |
| 10) A librarian had to pack five hundred thirty books into boxes. If each box can hold eleven books, how many boxes did she need? | $530 \div 11 = 48 \text{ r}2$ | 10. <u>49</u> |



Solve each problem.

Answers

35	4	9	22	2
49	10	17	9	14

- 1) Amy had saved up 549 quarters and decided to spend them on sodas. If it costs 29 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 2) A flash drive could hold 16 gigs of data. If you needed to store 342 gigs, how many flash drive would you need?
- 3) An art museum had 446 pictures to split equally into 19 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 4) Gwen received 459 dollars for her birthday. Later she found some toys that cost 18 dollars each. How much money would she have left if she bought as many as she could?
- 5) A vat of orange juice was 564 pints. If you wanted to pour the vat into 16 glasses with the same amount in each glass, how many pints would be in each glass?
- 6) A box of computer paper has 680 sheets left in it. If each printer in a computer lab needed 48 sheets how many printers would the box fill up?
- 7) Robin had 729 songs on her mp3 player. If she wanted to put the songs equally into 15 different playlists, how many songs would she have left over?
- 8) Rachel is making bead necklaces. She wants to use 234 beads to make 46 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 9) There are 316 people attending a luncheon. If a table can hold 19 people, how many tables do they need?
- 10) A librarian had to pack 530 books into boxes. If each box can hold 11 books, how many boxes did she need?

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