

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

- 1) Katie had five hundred ninety-five songs on her mp3 player. If she wanted to put the songs equally into three different playlists, how many songs would she have left over?
- 2) A box of computer paper has one hundred ninety-nine sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up?
- 3) Each house a carpenter builds needs seven electric sockets. If he bought four hundred seventy-one sockets, how many houses would that cover?
- 4) Jerry was trying to beat his old score of three hundred ninety-nine points in a video game. If he scores exactly five points each round, how many rounds would he need to play to beat his old score?
- 5) A vase can hold seven flowers. If a florist had four hundred thirty-eight flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 6) A builder needed to buy one hundred sixty-six nails for his latest project. If the nails he needs come in boxes of seven, how many boxes will he need to buy?
- 7) A box of light fixtures cost \$seven. If you had seven hundred sixty-five dollars and bought as many boxes as you could, how much money would you have left?
- 8) Roger wanted to give each of his five friends an equal amount of candy. At the store he bought eight hundred seventeen pieces total to give to them. He many more pieces should he have bought so he didn't have any extra pieces?
- 9) A restaurant needs to buy three hundred fifty new plates. If each box has eight plates in it, how many boxes will they need to buy?
- 10) A vat of orange juice was one hundred forty-three pints. If you wanted to pour the vat into seven glasses with the same amount in each glass, how many pints would be in each glass?

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**Solve each problem.**

			Answers
1) Katie had five hundred ninety-five songs on her mp3 player. If she wanted to put the songs equally into three different playlists, how many songs would she have left over?	$595 \div 3 = 198 \text{ r}1$	1.	1
2) A box of computer paper has one hundred ninety-nine sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up?	$199 \div 9 = 22 \text{ r}1$	2.	22
3) Each house a carpenter builds needs seven electric sockets. If he bought four hundred seventy-one sockets, how many houses would that cover?	$471 \div 7 = 67 \text{ r}2$	3.	67
4) Jerry was trying to beat his old score of three hundred ninety-nine points in a video game. If he scores exactly five points each round, how many rounds would he need to play to beat his old score?	$399 \div 5 = 79 \text{ r}4$	4.	80
5) A vase can hold seven flowers. If a florist had four hundred thirty-eight flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?	$438 \div 7 = 62 \text{ r}4$	5.	4
6) A builder needed to buy one hundred sixty-six nails for his latest project. If the nails he needs come in boxes of seven, how many boxes will he need to buy?	$166 \div 7 = 23 \text{ r}5$	6.	24
7) A box of light fixtures cost \$seven. If you had seven hundred sixty-five dollars and bought as many boxes as you could, how much money would you have left?	$765 \div 7 = 109 \text{ r}2$	7.	2
8) Roger wanted to give each of his five friends an equal amount of candy. At the store he bought eight hundred seventeen pieces total to give to them. He many more pieces should he have bought so he didn't have any extra pieces?	$817 \div 5 = 163 \text{ r}2$	8.	3
9) A restaurant needs to buy three hundred fifty new plates. If each box has eight plates in it, how many boxes will they need to buy?	$350 \div 8 = 43 \text{ r}6$	9.	44
10) A vat of orange juice was one hundred forty-three pints. If you wanted to pour the vat into seven glasses with the same amount in each glass, how many pints would be in each glass?	$143 \div 7 = 20 \text{ r}3$	10.	20



Solve each problem.

Answers

1	67	4	22	44
3	80	20	24	2

- 1) Katie had 595 songs on her mp3 player. If she wanted to put the songs equally into 3 different playlists, how many songs would she have left over?
- 2) A box of computer paper has 199 sheets left in it. If each printer in a computer lab needed 9 sheets how many printers would the box fill up?
- 3) Each house a carpenter builds needs 7 electric sockets. If he bought 471 sockets, how many houses would that cover?
- 4) Jerry was trying to beat his old score of 399 points in a video game. If he scores exactly 5 points each round, how many rounds would he need to play to beat his old score?
- 5) A vase can hold 7 flowers. If a florist had 438 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?
- 6) A builder needed to buy 166 nails for his latest project. If the nails he needs come in boxes of 7, how many boxes will he need to buy?
- 7) A box of light fixtures cost \$7. If you had 765 dollars and bought as many boxes as you could, how much money would you have left?
- 8) Roger wanted to give each of his 5 friends an equal amount of candy. At the store he bought 817 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra pieces?
- 9) A restaurant needs to buy 350 new plates. If each box has 8 plates in it, how many boxes will they need to buy?
- 10) A vat of orange juice was 143 pints. If you wanted to pour the vat into 7 glasses with the same amount in each glass, how many pints would be in each glass?

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