Understanding Division Problems

Name:

Use the completed division problem to answer the question.

1) An art museum had forty-six pictures to split equally into seven different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? 46÷7 = 6 r4

2) The roller coaster at the state fair costs seven tickets per ride. If you had eighteen tickets, how many tickets would you have left if you rode it as many times as you could? 18÷7 = 2 r4

3) Emily had twenty-nine songs on her mp3 player. If she wanted to put the songs equally into four different playlists, how many songs would she have left over? 29÷4 = 7 r1

4) A botanist picked twenty-two flowers. She wanted to put them into three bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? 22÷3 = 7 r1

5) There are seventeen students going to a trivia competition. If each school van can hold two students, how many vans will they need? 17÷2 = 8 r1

6) A box of computer paper has nineteen sheets left in it. If each printer in a computer lab needed three sheets how many printers would the box fill up? 19÷3 = 6 r1

7) Victor was trying to beat his old score of forty-eight points in a video game. If he scores exactly seven points each round, how many rounds would he need to play to beat his old score? 48÷7 = 6 r6

8) A new video game console needs three computer chips. If a machine can create seven computer chips a day, how many video game consoles can be created in a day? 7÷3 = 2 r1

9) A box can hold four brownies. If a baker made fifteen brownies, how many full boxes of brownies did he make? 15÷4 = 3 r3

10) A post office has eighteen pieces of junk mail they want to split evenly between four mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? 18÷4 = 4 r2

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

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Answers

1. 3
2. 4
3. 1
4. 2
5. 9
6. 6
7. 7
8. 2
9. 3
10. 2

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