Use	division	to	solve	each	problem.
CBC	ui vibioii	w	BULLE	cucii	problem

- 1) At the carnival, three friends bought twenty-three tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 2) A container can hold seven orange slices. If a company had fortyfive orange slices to put into containers, how many more slices would they need to fill up the last container?
- 3) Kaleb was trying to beat his old score of thirteen points in a video game. If he scores exactly three points each round, how many rounds would he need to play to beat his old score?
- 4) A vat of orange juice was thirty-nine pints. If you wanted to pour the vat into four glasses with the same amount in each glass, how many pints would be in each glass?
- 5) A movie theater needed sixty popcorn buckets. If each package has nine buckets in it, how many packages will they need to buy?
- 6) A machine in a candy company creates twenty-one pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?
- 7) A librarian had to pack forty-five books into boxes. If each box can hold eight books, how many boxes did she need?
- 8) An airline has fifteen pieces of luggage to put away. If each luggage compartment will hold two pieces of luggage, how many will be in the compartment that isn't full?
- 9) It takes three apples to make an apple pie. If a chef bought seventeen apples, the last pie would need how many more apples?
- **10**) A baker had three boxes for donuts. He ended up making seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

**Answers** 

## Use division to solve each problem.

1)	At the carnival, three friends bought twenty-three tickets. If they
	wanted to split all the tickets so each friend got the same amount,
	how many more tickets would they need to buy?

$$23 \div 3 = 7 \text{ r}2$$

Ans<u>wers</u>

$$45 \div 7 = 6 \text{ r}$$
3

$$13 \div 3 = 4 \text{ r1}$$

$$39 \div 4 = 9 \text{ r}3$$

$$60 \div 9 = 6 \text{ r6}$$

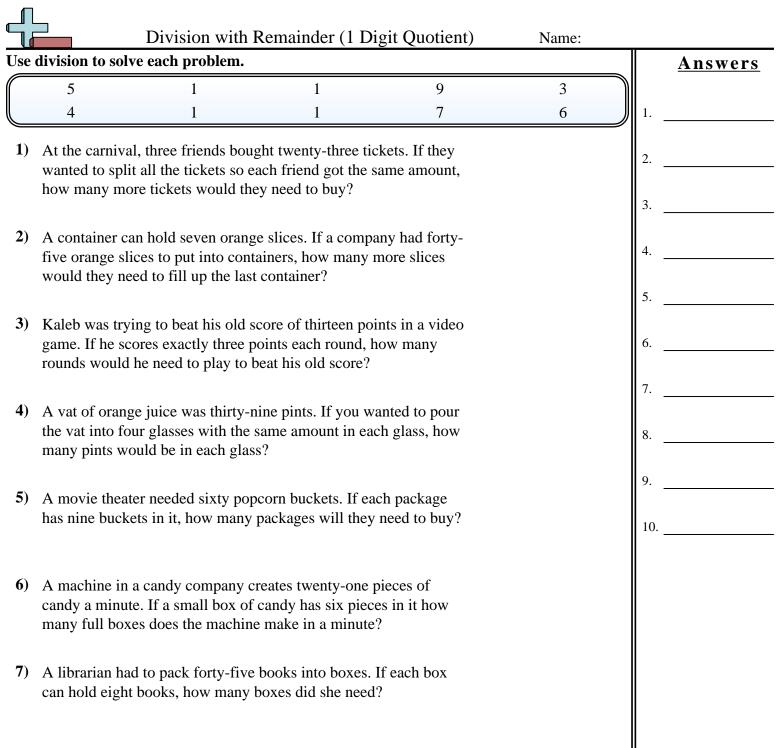
$$21 \div 6 = 3 \text{ r}3$$

$$45 \div 8 = 5 \text{ r5}$$

$$15 \div 2 = 7 \text{ r} 1$$

$$17 \div 3 = 5 \text{ r}2$$

$$7 \div 3 = 2 \text{ r} 1$$



- **8)** An airline has fifteen pieces of luggage to put away. If each luggage compartment will hold two pieces of luggage, how many will be in the compartment that isn't full?
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- **10**) A baker had three boxes for donuts. He ended up making seven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?