Use division to solve each problem.

- 1) A coat factory had thirty-two coats. If they wanted to put them into five boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 2) A machine in a candy company creates twenty-three pieces of candy a minute. If a small box of candy has nine pieces in it how many full boxes does the machine make in a minute?
- 3) A librarian had to pack thirty-five books into boxes. If each box can hold four books, how many boxes did she need?
- 4) There are twenty-two students going to a trivia competition. If each school van can hold three students, how many vans will they need?
- 5) A post office has twenty-seven pieces of junk mail they want to split evenly between five mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 6) The roller coaster at the state fair costs nine tickets per ride. If you had thirty-seven tickets, how many tickets would you have left if you rode it as many times as you could?
- 7) Tom wanted to give each of his five friends an equal amount of candy. At the store he bought twenty-eight pieces total to give to them. He many more pieces should he have bought so he didn't have any extra?
- 8) A new video game console needs seven computer chips. If a machine can create twenty-six computer chips a day, how many video game consoles can be created in a day?
- 9) A school had eleven students sign up for the trivia teams. If they wanted to have four team, with the same number of students on each team, how many more students would need to sign up?
- 10) A builder needed to buy thirteen boards for his latest project. If the boards he needs come in packs of two, how many packages will he need to buy?

Answers

1)	A coat factory had thirty-two coats. If they wanted to put them	
	into five boxes, with the same number of coats in each box, how	
	many extra coats would they have left over?	

$$32 \div 5 = 6 \text{ r}2$$

Answers

$$23 \div 9 = 2 \text{ r5}$$

$$35 \div 4 = 8 \text{ r}3$$

$$22 \div 3 = 7 \text{ r1}$$

$$27 \div 5 = 5 \text{ r}2$$

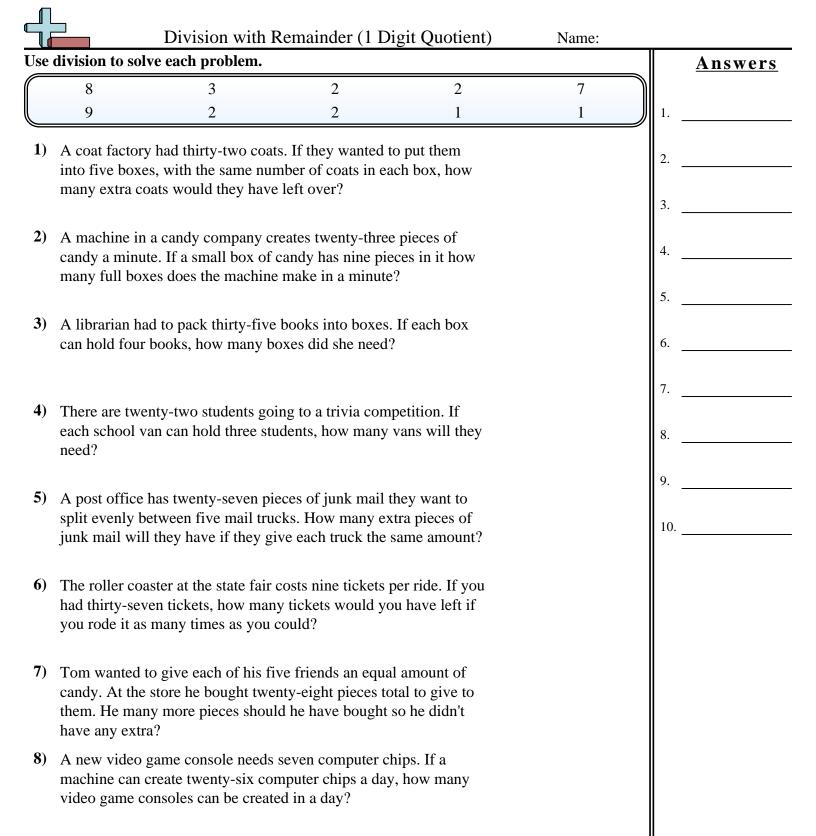
 $37 \div 9 = 4 \text{ r}1$

$$28 \div 5 = 5 \text{ r3}$$

$$26 \div 7 = 3 \text{ r5}$$

$$11 \div 4 = 2 \text{ r}3$$

$$13 \div 2 = 6 \text{ r} 1$$



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