

Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.	
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- 1) A recycling company had seventy-six pounds of material to sort. To make it easier they split them into boxes with each full box having nine pounds, how many full boxes did they have?
- 2) A restaurant needs to buy twenty-five new plates. If each box has three plates in it, how many boxes will they need to buy?
- 3) Isabel is making bead necklaces. She wants to use twentyeight beads to make three necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 4) Lana had saved up nineteen quarters and decided to spend them on sodas. If it costs two quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 5) A baker had nine boxes for donuts. He ended up making eighty-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 6) A movie store had twenty-nine movies they were putting on four shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 7) A librarian had to pack nineteen books into boxes. If each box can hold two books, how many boxes did she need?
- 8) An art museum had thirty pictures to split equally into four different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- **9)** A box of computer paper has sixty-two sheets left in it. If each printer in a computer lab needed nine sheets how many printers would the box fill up?
- **10)** An airline has fifty-one pieces of luggage to put away. If each luggage compartment will hold eight pieces of luggage, how many will be in the compartment that isn't full?

Answers

1. _____

2. _____

5. _____

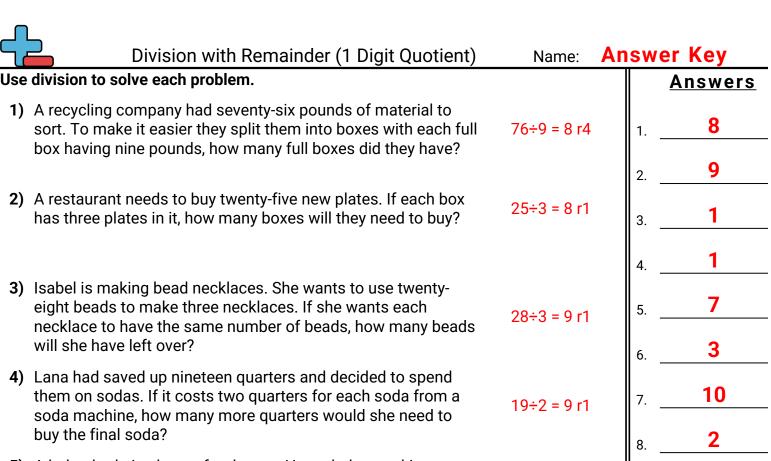
6. ____

7. _____

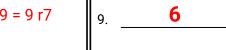
3. _____

9. _____

10. _____



boxes. How many extra donuts did he end up with?	•	A baker had nine boxes for donuts. He ended up making eighty-eight donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	88÷9 = 9 r7
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$$62 \div 9 = 6 \text{ r8}$$



Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each probler

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10	8	9	6	1	
3	7	3	1	2	

- 1) A recycling company had 76 pounds of material to sort. To make it easier they split them into boxes with each full box having 9 pounds, how many full boxes did they have?
- 2) A restaurant needs to buy 25 new plates. If each box has 3 plates in it, how many boxes will they need to buy?
- 3) Isabel is making bead necklaces. She wants to use 28 beads to make 3 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?
- 4) Lana had saved up 19 quarters and decided to spend them on sodas. If it costs 2 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda?
- 5) A baker had 9 boxes for donuts. He ended up making 88 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- **6)** A movie store had 29 movies they were putting on 4 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 7) A librarian had to pack 19 books into boxes. If each box can hold 2 books, how many boxes did she need?
- 8) An art museum had 30 pictures to split equally into 4 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 9) A box of computer paper has 62 sheets left in it. If each printer in a computer lab needed 9 sheets how many printers would the box fill up?
- **10)** An airline has 51 pieces of luggage to put away. If each luggage compartment will hold 8 pieces of luggage, how many will be in the compartment that isn't full?

Answers

1.	

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