Use division to solve each problem.

1) A librarian had to pack thirteen books into boxes. If each box can hold two books, how many boxes did she need?

2) A container can hold five orange slices. If a company had seventeen orange slices to put into containers, how many more slices would they need to fill up the last container?

3) Olivia wanted to drink exactly nine bottles of water each day, so she bought sixty-two bottles when they were on sale. How many more bottles will she need to buy on the last day?

4) A coat factory had seventeen 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?

5) A builder needed to buy nineteen boards for his latest project. If the boards he needs come in packs of six, how many packages will he need to buy?

6) Isabel is making bead necklaces. She wants to use twenty-three beads to make seven necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

7) A box of cupcakes cost $two. If you had seventeen dollars and bought as many boxes as you could, how much money would you have left?

8) Each house a carpenter builds needs six sinks. If he bought twenty-nine sinks, how many houses would that cover?

9) A flash drive could hold seven gigs of data. If you needed to store thirty-nine gigs, how many flash drive would you need?

10) A recycling company had ten pounds of material to sort. To make it easier they split them into boxes with each full box having four pounds, how many full boxes did they have?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Use division to solve each problem.

1) A librarian had to pack thirteen books into boxes. If each box can hold two books, how many boxes did she need?

$13 \div 2 = 6 \, r1$

1. _____**7**_____

2) A container can hold five orange slices. If a company had seventeen orange slices to put into containers, how many more slices would they need to fill up the last container?

$17 \div 5 = 3 \, r2$

2. _____**3**_____

3. _____**1**_____

3) Olivia wanted to drink exactly nine bottles of water each day, so she bought sixty-two bottles when they were on sale. How many more bottles will she need to buy on the last day?

$62 \div 9 = 6 \, r8$

4. _____**2**_____

5. _____**4**_____

4) A coat factory had seventeen 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?

$17 \div 5 = 3 \, r2$

6. _____**2**_____

5) A builder needed to buy nineteen boards for his latest project. If the boards he needs come in packs of six, how many packages will he need to buy?

$19 \div 6 = 3 \, r1$

7. _____**1**_____

8. _____**4**_____

6) Isabel is making bead necklaces. She wants to use twenty-three beads to make seven necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$23 \div 7 = 3 \, r2$

9. _____**6**_____

7) A box of cupcakes cost $two. If you had seventeen dollars and bought as many boxes as you could, how much money would you have left?

$17 \div 2 = 8 \, r1$

10. _____**2**_____

8) Each house a carpenter builds needs six sinks. If he bought twenty-nine sinks, how many houses would that cover?

$29 \div 6 = 4 \, r5$

9) A flash drive could hold seven gigs of data. If you needed to store thirty-nine gigs, how many flash drive would you need?

$39 \div 7 = 5 \, r4$

10) A recycling company had ten pounds of material to sort. To make it easier they split them into boxes with each full box having four pounds, how many full boxes did they have?

$10 \div 4 = 2 \, r2$

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

Division with Remainder (1 Digit Quotient)

Use division to solve each problem.

7	1	1	3	6
4	2	4	2	2

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1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____