Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

1) Henry's dad bought forty-five meters of string. If he wanted to cut the string into pieces with each piece being seven meters long, how many full sized pieces could he make?

1. _____

2. _____

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

3. _____

4. _____

3) A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got nine pieces, how many extra pieces of pepperoni would they have?

5. _____

6. _____

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

7. _____

8. _____

5) At the carnival, six friends bought thirty-seven 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?

9. _____

10. _____

6) A school had twenty-five students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?

7) A librarian had to pack sixteen books into boxes. If each box can hold three books, how many boxes did she need?

8) Faye received thirty-nine dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?

9) Billy was trying to beat his old score of twenty-three 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?

10) A new video game console needs seven computer chips. If a machine can create twenty computer chips a day, how many video game consoles can be created in a day?

Name:

Use division to solve each problem.

1) Henry's dad bought forty-five meters of string. If he wanted to cut the string into pieces with each piece being seven meters long, how many full sized pieces could he make?

$45 \div 7 = 6\ r3$

1. **6**

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

$21 \div 4 = 5\ r1$

2. **3**

3) A pizza store had fifty-two pieces of pepperoni to put on their pizzas. If each pizza got nine pieces, how many extra pieces of pepperoni would they have?

$52 \div 9 = 5\ r7$

3. **7**

4. **9**

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

$74 \div 8 = 9\ r2$

5. **5**

6. **2**

5) At the carnival, six friends bought thirty-seven 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?

$37 \div 6 = 6\ r1$

7. **6**

6) A school had twenty-five students sign up for the trivia teams. If they wanted to have three team, with the same number of students on each team, how many more students would need to sign up?

$25 \div 3 = 8\ r1$

8. **3**

7) A librarian had to pack sixteen books into boxes. If each box can hold three books, how many boxes did she need?

$16 \div 3 = 5\ r1$

9. **8**

10. **2**

8) Faye received thirty-nine dollars for her birthday. Later she found some toys that cost four dollars each. How much money would she have left if she bought as many as she could?

$39 \div 4 = 9\ r3$

9) Billy was trying to beat his old score of twenty-three 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?

$23 \div 3 = 7\ r2$

10) A new video game console needs seven computer chips. If a machine can create twenty computer chips a day, how many video game consoles can be created in a day?

$20 \div 7 = 2\ r6$

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

Use division to solve each problem.

3	2	2	9	7
6	8	6	5	3

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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