Division with Remainder (1 Digit Quotient)

Use division to solve each problem.

1) It takes two grams of plastic to make a ruler. If a company had seven grams of plastic, how many entire rulers could they make?

2) Olivia is making bead necklaces. She wants to use twenty-five beads to make six necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

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

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

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

6) Haley had thirteen photos to put into a photo album. If each page holds two photos, how many full pages will she have?

7) Adam had fifteen pieces of candy. If he wants to split the candy into four bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

8) There are thirty-seven students going to a trivia competition. If each school van can hold six students, how many vans will they need?

9) Carol received thirty-three dollars for her birthday. Later she found some toys that cost seven dollars each. How much money would she have left if she bought as many as she could?

10) Tom has to sell eleven chocolate bars to win a trip. If each box contains five chocolate bars, how many boxes will he need to sell to win the trip?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Use division to solve each problem.

1) It takes two grams of plastic to make a ruler. If a company had seven grams of plastic, how many entire rulers could they make?

$7 \div 2 = 3$ r1

2) Olivia is making bead necklaces. She wants to use twenty-five beads to make six necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$25 \div 6 = 4$ r1

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

$7 \div 3 = 2$ r1

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

$21 \div 5 = 4$ r1

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

$19 \div 2 = 9$ r1

6) Haley had thirteen photos to put into a photo album. If each page holds two photos, how many full pages will she have?

$13 \div 2 = 6$ r1

7) Adam had fifteen pieces of candy. If he wants to split the candy into four bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

$15 \div 4 = 3$ r3

8) There are thirty-seven students going to a trivia competition. If each school van can hold six students, how many vans will they need?

$37 \div 6 = 6$ r1

9) Carol received thirty-three dollars for her birthday. Later she found some toys that cost seven dollars each. How much money would she have left if she bought as many as she could?

$33 \div 7 = 4$ r5

10) Tom has to sell eleven chocolate bars to win a trip. If each box contains five chocolate bars, how many boxes will he need to sell to win the trip?

$11 \div 5 = 2$ r1

1.	**3**
2.	**1**
3.	**2**
4.	**4**
5.	**1**
6.	**6**
7.	**1**
8.	**7**
9.	**5**
10.	**3**

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

Use division to solve each problem.

4	1	3	3	1
7	1	5	2	6

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) It takes 2 grams of plastic to make a ruler. If a company had 7 grams of plastic, how many entire rulers could they make?

2) Olivia is making bead necklaces. She wants to use 25 beads to make 6 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

3) A new video game console needs 3 computer chips. If a machine can create 7 computer chips a day, how many video game consoles can be created in a day?

4) A school had 21 students sign up for the trivia teams. If they wanted to have 5 team, with the same number of students on each team, how many more students would need to sign up?

5) A coat factory had 19 coats. If they wanted to put them into 2 boxes, with the same number of coats in each box, how many extra coats would they have left over?

6) Haley had 13 photos to put into a photo album. If each page holds 2 photos, how many full pages will she have?

7) Adam had 15 pieces of candy. If he wants to split the candy into 4 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

8) There are 37 students going to a trivia competition. If each school van can hold 6 students, how many vans will they need?

9) Carol received 33 dollars for her birthday. Later she found some toys that cost 7 dollars each. How much money would she have left if she bought as many as she could?

10) Tom has to sell 11 chocolate bars to win a trip. If each box contains 5 chocolate bars, how many boxes will he need to sell to win the trip?