Division with Remainder (1 Digit Quotient)

Name:

Use division to solve each problem.

1) A movie store had thirty-eight movies they were putting on six shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

2) Paul was trying to beat his old score of fifty-three points in a video game. If he scores exactly nine points each round, how many rounds would he need to play to beat his old score?

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

4) A box can hold six brownies. If a baker made fifty-two brownies, how many full boxes of brownies did he make?

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

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

7) Gwen had thirty-four photos to put into a photo album. If each page holds four photos, how many full pages will she have?

8) A librarian had to pack twenty-five books into boxes. If each box can hold seven books, how many boxes did she need?

9) Debby is making bead necklaces. She wants to use five beads to make two necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Use division to solve each problem.

1) A movie store had thirty-eight movies they were putting on six shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

$38 \div 6 = 6 \ r2$

1. ____**4**____

2) Paul was trying to beat his old score of fifty-three points in a video game. If he scores exactly nine points each round, how many rounds would he need to play to beat his old score?

$53 \div 9 = 5 \ r8$

2. ____**6**____

3. ____**6**____

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

$46 \div 8 = 5 \ r6$

4. ____**8**____

5. ____**1**____

4) A box can hold six brownies. If a baker made fifty-two brownies, how many full boxes of brownies did he make?

$52 \div 6 = 8 \ r4$

6. ____**2**____

7. ____**8**____

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

$29 \div 5 = 5 \ r4$

8. ____**4**____

9. ____**1**____

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

$68 \div 7 = 9 \ r5$

10. ____**7**____

7) Gwen had thirty-four photos to put into a photo album. If each page holds four photos, how many full pages will she have?

$34 \div 4 = 8 \ r2$

8) A librarian had to pack twenty-five books into boxes. If each box can hold seven books, how many boxes did she need?

$25 \div 7 = 3 \ r4$

9) Debby is making bead necklaces. She wants to use five beads to make two necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

$5 \div 2 = 2 \ r1$

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

$15 \div 2 = 7 \ r1$

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

Math   www.CommonCoreSheets.com

Division with Remainder (1 Digit Quotient)   Name:

Use division to solve each problem.

	1	1	8	4	6
	4	8	2	6	7

1. _____

1) A movie store had 38 movies they were putting on 6 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

2. _____

3. _____

2) Paul was trying to beat his old score of 53 points in a video game. If he scores exactly 9 points each round, how many rounds would he need to play to beat his old score?

4. _____

5. _____

3) A coat factory had 46 coats. If they wanted to put them into 8 boxes, with the same number of coats in each box, how many extra coats would they have left over?

6. _____

7. _____

4) A box can hold 6 brownies. If a baker made 52 brownies, how many full boxes of brownies did he make?

8. _____

9. _____

5) Olivia wanted to drink exactly 5 bottles of water each day, so she bought 29 bottles when they were on sale. How many more bottles will she need to buy on the last day?

10. _____

6) A school had 68 students sign up for the trivia teams. If they wanted to have 7 team, with the same number of students on each team, how many more students would need to sign up?

7) Gwen had 34 photos to put into a photo album. If each page holds 4 photos, how many full pages will she have?

8) A librarian had to pack 25 books into boxes. If each box can hold 7 books, how many boxes did she need?

9) Debby is making bead necklaces. She wants to use 5 beads to make 2 necklaces. If she wants each necklace to have the same number of beads, how many beads will she have left over?

10) A new video game console needs 2 computer chips. If a machine can create 15 computer chips a day, how many video game consoles can be created in a day?