Understanding Division Problems

Name:

Use the completed division problem to answer each question.

1) Mike has to sell 26 chocolate bars to win a trip. If each box contains 3 chocolate bars, how many boxes will he need to sell to win the trip? 26 ÷ 3 = 8 r2

2) A new video game console needs 7 computer chips. If a machine can create 62 computer chips a day, how many video game consoles can be created in a day? 62 ÷ 7 = 8 r6

3) A botanist picked 77 flowers. She wanted to put them into 9 bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra? 77 ÷ 9 = 8 r5

4) Chloe had saved up 14 quarters and decided to spend them on sodas. If it costs 3 quarters for each soda from a soda machine, how many more quarters would she need to buy the final soda? 14 ÷ 3 = 4 r2

5) A grocery store needed 9 cans of peas. If the peas come in boxes with 2 cans in each box, how many boxes would they need to order? 9 ÷ 2 = 4 r1

6) Cody had 21 baseball cards he's putting into a binder with 4 on each page. How many cards will he have on the page that isn't full? 21 ÷ 4 = 5 r1

7) Paige had 30 photos to put into a photo album. If each page holds 9 photos, how many full pages will she have? 30 ÷ 9 = 3 r3

8) A box of computer paper has 9 sheets left in it. If each printer in a computer lab needed 2 sheets how many printers would the box fill up? 9 ÷ 2 = 4 r1

9) A builder needed to buy 38 boards for his latest project. If the boards he needs come in packs of 8, how many packages will he need to buy? 38 ÷ 8 = 4 r6

10) A box of cupcakes cost $5. If you had 22 dollars and bought as many boxes as you could, how much money would you have left? 22 ÷ 5 = 4 r2

11) Luke wanted to give each of his 8 friends an equal amount of candy. At the store he bought 36 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 36 ÷ 8 = 4 r4

12) An airline has 13 pieces of luggage to put away. If each luggage compartment will hold 4 pieces of luggage, how many will be in the compartment that isn't full? 13 ÷ 4 = 3 r1

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Understanding Division Problems

Name: **Answer Key**

Use the completed division problem to answer each question.

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5) A grocery store needed 9 cans of peas. If the peas come in boxes with 2 cans in each box, how many boxes would they need to order? 9 ÷ 2 = 4 r1

6) Cody had 21 baseball cards he's putting into a binder with 4 on each page. How many cards will he have on the page that isn't full? 21 ÷ 4 = 5 r1

7) Paige had 30 photos to put into a photo album. If each page holds 9 photos, how many full pages will she have? 30 ÷ 9 = 3 r3

8) A box of computer paper has 9 sheets left in it. If each printer in a computer lab needed 2 sheets how many printers would the box fill up? 9 ÷ 2 = 4 r1

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11) Luke wanted to give each of his 8 friends an equal amount of candy. At the store he bought 36 pieces total to give to them. He many more pieces should he have bought so he didn't have any extra? 36 ÷ 8 = 4 r4

12) An airline has 13 pieces of luggage to put away. If each luggage compartment will hold 4 pieces of luggage, how many will be in the compartment that isn't full? 13 ÷ 4 = 3 r1

Answers

1. 9
2. 8
3. 4
4. 1
5. 5
6. 1
7. 3
8. 4
9. 5
10. 2
11. 4
12. 1

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								