Understanding Division Problems

Name:

Use the completed division problem to answer the question.

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

$33 \div 5 = 6$ r3

2) Cody had thirty-two baseball cards he's putting into a binder with six on each page. How many cards will he have on the page that isn't full?

$32 \div 6 = 5$ r2

3) A machine in a candy company creates twenty-one pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?

$21 \div 6 = 3$ r3

4) It takes four grams of plastic to make a ruler. If a company had thirty grams of plastic, how many entire rulers could they make?

$30 \div 4 = 7$ r2

5) An airline has sixteen pieces of luggage to put away. If each luggage compartment will hold three pieces of luggage, how many will be in the compartment that isn't full?

$16 \div 3 = 5$ r1

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

$28 \div 6 = 4$ r4

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

$50 \div 8 = 6$ r2

8) A baker had three boxes for donuts. He ended up making eleven donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

$11 \div 3 = 3$ r2

9) A store owner had three employees and bought twenty-five uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

$25 \div 3 = 8$ r1

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

$9 \div 2 = 4$ r1

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

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

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2. ____**2**____

3. ____**3**____

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2	2	2	6	4
7	5	7	3	1

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