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- 1) An airline has four hundred sixteen pieces of luggage to put away. If each luggage compartment will hold thirty-eight pieces of luggage, how many will be in the compartment that isn't full?
- 2) There are eight hundred ninety-nine students going to a trivia competition. If each school van can hold twenty-six students, how many vans will they need?
- 3) It takes twenty-three apples to make an apple pie. If a chef bought eight hundred ninety-eight apples, the last pie would need how many more apples?
- 4) A botanist picked nine hundred sixty-five flowers. She wanted to put them into thirty bouquets with the same number of flowers in each. How many more should she pick so she doesn't have any extra?
- 5) A container can hold fourteen orange slices. If a company had seven hundred eighty-six orange slices to put into containers, how many more slices would they need to fill up the last container?
- 6) A vat of orange juice was eight hundred twenty-eight pints. If you wanted to pour the vat into twenty-four glasses with the same amount in each glass, how many pints would be in each glass?
- 7) George had four hundred fifty-seven baseball cards he's putting into a binder with thirty on each page. How many cards will he have on the page that isn't full?
- 8) Paul was trying to beat his old score of eight hundred eighty-seven points in a video game. If he scores exactly forty points each round, how many rounds would he need to play to beat his old score?
- 9) Each house a carpenter builds needs twelve sinks. If he bought three hundred sixty-two sinks, how many houses would that cover?
- **10)** A cafeteria was putting milk cartons into stacks. They had six hundred sixteen cartons and were putting them into stacks with thirty-four cartons in each stack. How many full stacks could they make?

Answers

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Name:

**Answer Key** 

Solve each problem.

many vans will they need?

1)	An airline has four hundred sixteen pieces of luggage to put away.
	If each luggage compartment will hold thirty-eight pieces of
	luggage, how many will be in the compartment that isn't full?

$$416 \div 38 = 10 \text{ r}36$$

Answers |

$$899 \div 26 = 34 \text{ r} 15$$

$$898 \div 23 = 39 \text{ r1}$$

$$965 \div 30 = 32 \text{ r5}$$

$$786 \div 14 = 56 \text{ r}2$$

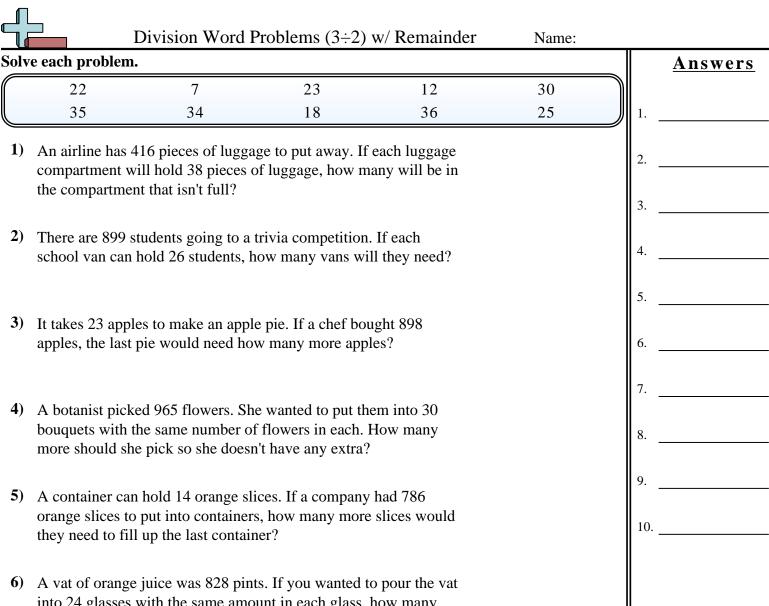
$$828 \div 24 = 34 \text{ r} 12$$

$$457 \div 30 = 15 \text{ r}$$

$$887 \div 40 = 22 \text{ r}$$

$$362 \div 12 = 30 \text{ r}2$$

$$616 \div 34 = 18 \text{ r4}$$



- 7) George had 457 baseball cards he's putting into a binder with 30 on each page. How many cards will he have on the page that isn't full?
- 8) Paul was trying to beat his old score of 887 points in a video game. If he scores exactly 40 points each round, how many rounds would he need to play to beat his old score?
- 9) Each house a carpenter builds needs 12 sinks. If he bought 362 sinks, how many houses would that cover?
- 10) A cafeteria was putting milk cartons into stacks. They had 616 cartons and were putting them into stacks with 34 cartons in each stack. How many full stacks could they make?

Math