

## Dare To Divide Division Word Problems

1. Greg has 25 tokens for the subway. He uses three tokens each week. How many weeks he can use the subway before he has to buy more tokens?
2. Carlos has 32 envelopes and wants to deliver 3 envelopes to each class. How many classrooms will he visit?
3. Katrina buys 18 tokens for her and her 3 sisters. If each of the gets an equal number of tokens, how many tokens will be left over?
4. Sally and her four friends want to share 43 Girl Scout cookies equally. How many cookies will each person get?
5. Henry was putting cards into boxes. He had 9 boxes that would hold 4 cards. He had 37 cards. How many would not fit into the boxes?

*Rubric*

	Criteria			Points
	3	2	1	
<b>Model</b>	Clear model of problem using cubes.	Inappropriate or unclear model of problem using cubes.	No model of problem using cubes.	—
<b>Mechanics</b>	No math errors.	Small math errors or flaws in reasoning.	Big math errors or serious flaws in reasoning.	—

<b>Demonstrated Knowledge</b>	Shows complete understanding of the questions, and processes.	Response shows some understanding of the problem.	Response shows a complete lack of understanding for the problem.	—

<b>Drawing</b>	Clear drawing of the model	Inappropriate or unclear drawing of the model.	No drawing of the model.	—

			<b>TOTAL</b>	_____

**BUT I HAVE SOME LEFT OVER!**

Name \_\_\_\_\_

Date \_\_\_\_\_ # \_\_\_\_\_

Directions:

1. Solve each word problem using your unifix cubes. (You do not have to draw a picture of the unifix cubes.)
2. Show your work on this sheet. Use the division sign and place the dividend, divisor, quotient, and remainder in the correct place.
3. Explain the answer to the question(s) in the problem in your own words.

1. Bobby has 23 Pokemon cards and he would like to give four friends his cards. How many cards will each friend get? Will there be any cards left over?
2. Alyssa and her six cousins went to a party. There are sixteen pieces of pizza for them to eat. How many pieces will each girl get? Is there any pizza left over?
3. Kathy has 34 tokens for the bus. She uses three tokens a week. How many weeks can Kathy use the bus before she has to buy more tokens?
4. There are 24 students in Chad's class. He brought 29 cookies to pass out for his birthday. How many cookies will each student get? Will there be any cookies left over?
5. Mrs. Napier has 23 stickers to give to 9 students for a reward. How many stickers will each student get? Will there be any stickers left over?

**BUT I HAVE SOME LEFT OVER (KEY)**

1.  $23/4 = 5 \text{ R } 3$  Each friend will get 5 cards and there will be 3 cards left over.
2.  $16/7 = 2 \text{ R } 2$  Each girl will get 2 pieces of pizza and there will be 2 pieces left over.

3.  $34/3 = 11 \text{ R } 1$  Kathy will use her tokens for 11 weeks and she will have one token left over.
4.  $29/24 = 1 \text{ R } 5$  Chad will give each student 1 cookie and there will be 5 cookies left over.
5.  $23/9 = 2 \text{ R } 5$  Mrs. Napier will give each student 2 stickers and there will be 5 left over.

### DARE TO DIVIDE DIVISION WORD PROBLEMS KEY

1.  $25/3 = 8 \text{ R } 1$   
Greg can use the Detroit People Mover for 8 weeks. He will have one token left over.
2.  $32/3 = 10 \text{ R } 2$   
Carlos will visit 11 classrooms.
3.  $18/4 = 4 \text{ R } 2$   
Each girl will get 4 tokens and there will be 2 left over.

4.  $43/5 = 8 \text{ R } 3$

Each person will get 8 cookies. There will be 3 left over.

5.  $37/9 = 4 \text{ R } 1$

He would have 1 card leftover that would not fit into a box.