Division Unit Test Study Guide:

Dear Parents/Guardians,

We will be having our Math Division Unit test on ______. Students will be expected to

- Understand and demonstrate the relationship between multiplication and division
- Solve division problems with no remainder using related multiplication facts
- Solve division problems with 2 digits by 1 digit (with and without a remainder)
- Solve division problems with 3 digits by 1 digits (with and without a remainder)
- Solve word problems using division
- Know how to use an estimate to check your work in division

Please have them complete this study guide and return it by ______ for some Classroom Money.

Attached are some guides to help you practice.

Mrs. McIntyre & Mr. Ostapowich

Ex) $45 \div 9 =$	1) $27 \div 3 =$	2) $36 \div 9 =$
×9=45	× 3 = 27	×9=36

3)
$$6 \div 2 = _$$
 4) $18 \div 9 = _$ **5)** $48 \div 8 = _$
 $_ _ × 2 = 6$ $_ × 9 = 18$ $_ × 8 = 48$

- 6) $8 \div 4 =$ 7) $63 \div 7 =$ 8) $9 \div 1 =$ ______ × 4 = 8 $2 \times 7 = 63 \times 7 = 63$

12) Write a corresponding <u>multiplication</u> fact for the following:

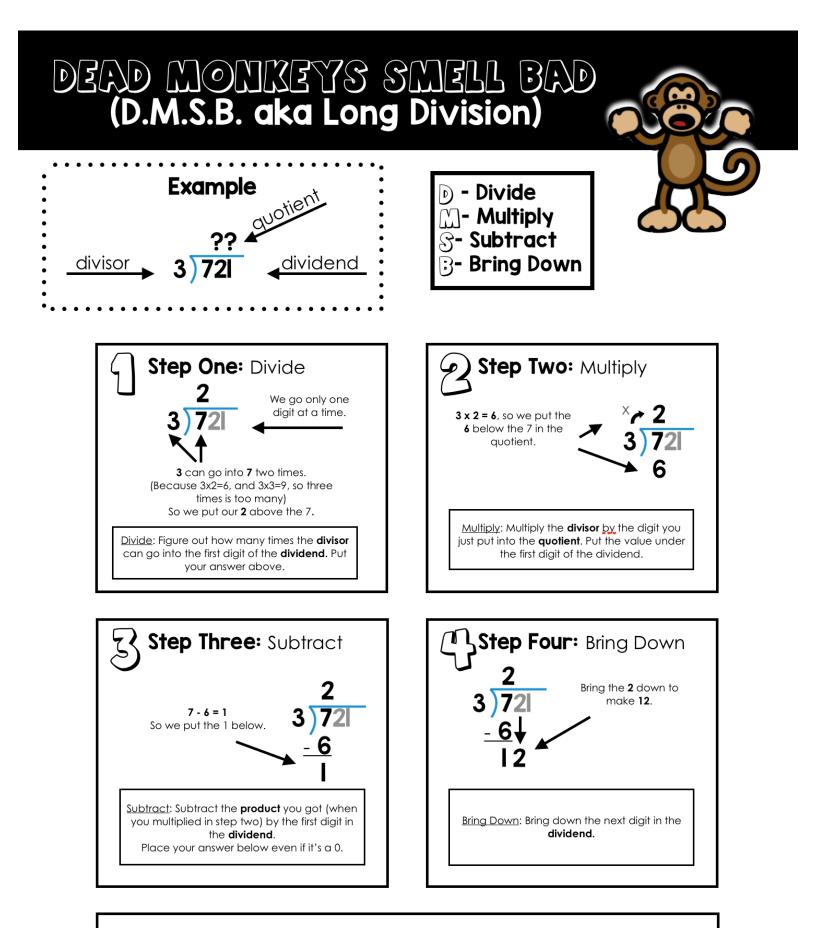
a) 36 ÷ 9	
b) 24 ÷ 4	
c) 45 ÷ 9	

13) Write a corresponding <u>division</u> fact for the following:

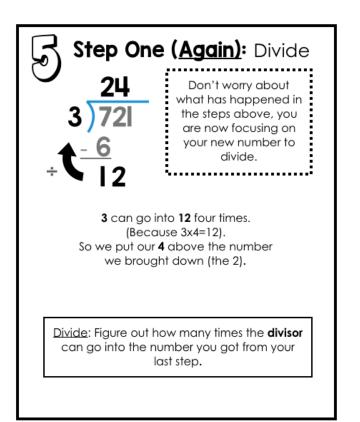
a) 7 x 5	
b) 6 x 8	
c) 4 x 9	

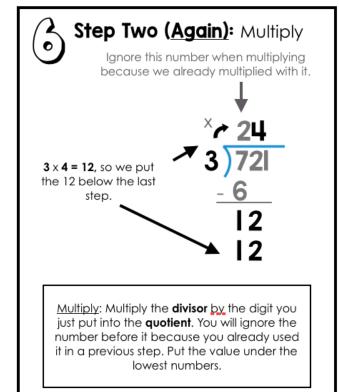
Division Worksheet

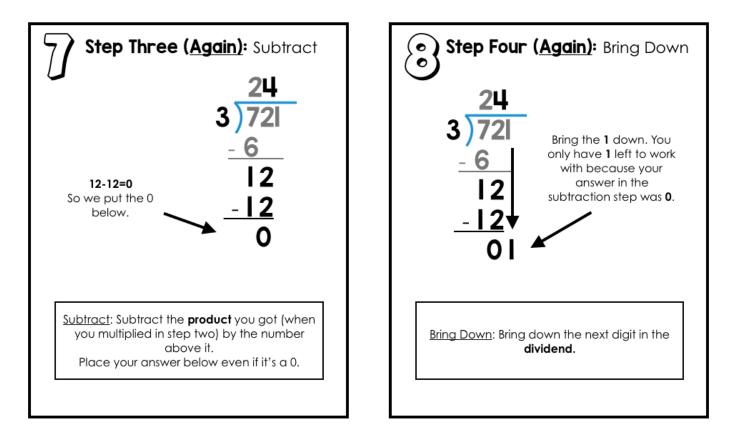
1 a.	1 b.	1 c.
7) 5 6	5) 2 0	6) 5 4
2 a.	2 b.	2 c.
7) 4 9	5) 3 0	3) 2 4
3 a.	3 b.	3 c.
2) 2 0	6) 1 2	8) 6 4
4 a.	4 b.	4 c.
6) 6 0	3) 2 7	4) 2 0



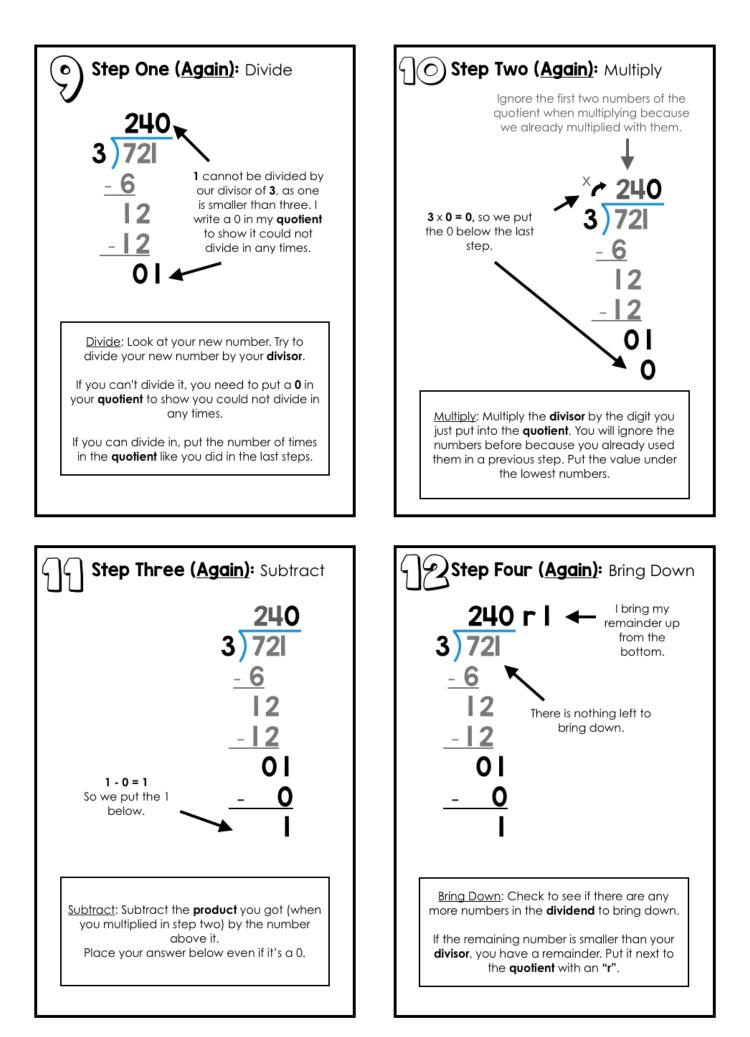
Then, prepare to REPERT D.M.S.B. You will keep going through the steps until you have a remainder or are left with 0.



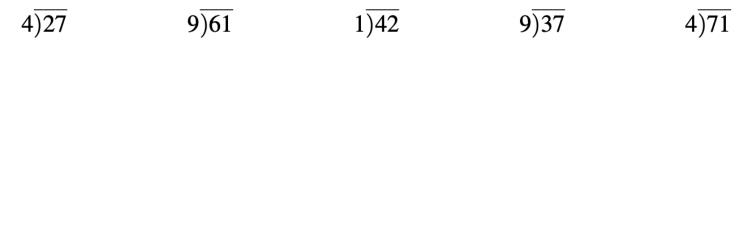




You'll need to REPERT D.M.S.B one more time!



Find each quotient and the remainder.



Find each quotient.

1)000			() = 1	(0) (1) (0)
4)236	5)165	7)518	6)516	8)448
-7/2J0	5/105	1 3 1 0	0,510	0/770

Find each quotient and the remainder.

5)783	6)719	9)296	9)917	2)158
5)105	0/19	<i>9</i>]290	9/91/	2)130

Word Problems

1)	Tom goes fishing with Mike. They catch 8 trout. If they equally split up the trout, how may will each one get ?	
2)	There were a total of 12 baseball games during the three month season. If the games are equally divided, how many baseball games are played a month ?	
3)	Mike has 24 yellow balloons. He wants to give his six friends the same number of yellow balloons, how many will each friend get ?	
4)	Sam has 40 cents in his bank. How many dimes does Sam have ?	
5)	Mike goes out to lunch with Keith and Dan. The total bill came to 15 dollars. They decided to equally split up the bill, how much will each person have to pay ?	
6)	Fred has 20 dollars in five dollar bills. How many five dollars bills does he have ?	
7)	Sandy worked 20 hours in the last five days. Assuming that she worked the same amount of hours each day, how long did she work each day?	
8)	Melanie, Sally, and Keith have 12 pencils all together. If the pencils are equally divided, how many will each person get ?	
9)	A restaurant sold 28 salads last week. How many salads on average were sold each day ?	
10)	Benny was at the beach for five days and found 16 seashells. He plans to give all of his seashells equally to his four friends. How many seashells will each friend get ?	



Solve each problem.

- 1) While playing at the arcade, Paul won thirty-nine tickets playing 'whack a mole' and fifteen tickets playing 'skee ball'. If he was trying to buy candy that cost nine tickets a piece, how many could he buy?
- 2) Vanessa was making baggies of cookies with six cookies in each bag. If she had twenty-five chocolate chip cookies and twenty-nine oatmeal cookies, how many baggies could she make?
- 3) For homework Sarah had seventeen math problems and twenty-eight spelling problems. If she can finish five problems in an hour how long will it take her to finish all the problems?
- 4) Isabel uploaded eleven pictures from her phone and seven from her camera to Facebook. If she sorted the pics into nine different albums with the same amount of pics in each album, how many pictures were in each of the albums?
- 5) A group of nine friends went into a restaurant. The chef already had thirty-four chicken wings cooked but cooked eleven more for the group. If they each got the same amount how many would each person get?

14) How do you estimate to check your work? Solve the following questions for the actual answers, then use an estimation strategy to check that your answer is reasonable.

a) Actual: 391 ÷ 5	Estimate:
	 My Answer is Reasonable My Answer is not Reasonable
a) Actual: 264 ÷ 7	Estimate:
	 My Answer is Reasonable My Answer is not Reasonable