	Unit 2 Test Study Guide DUE TUESDAY
Started in class	on Monday/finish for homework Monday night DUE TUESDAY ON MONDAY/finish for homework Monday night DUE TUESDAY
Standards covered: MCC4.0	on Monday/Tinish for Homes. A.1, MCC4,OA.2, MCC4.OA.3, MCC4.OA.4, MCC4.OA.5, MCC4.NBT.5, MCC4.NBT.6
MCC4.OA.1 - Interpre	t multiplication equations as comparisons
All de la contraction de la co	as many as 7 and 7 times as many as 5.
<u> Try:</u> Write a compariso	on sentence for these problems facts.
5 × 9 = 45	
times as many o	asis
4 = 6 × 4	
is time	es as many as

Example: A redwood tree is 32 feet tall. It is 4 times as tall as the apple tree. How tall is the apple tree? 32 ÷ 4 = 8 feet tall

Try: There are 6 times as many dogs as cats. If the total number of dogs and cats is 21, how many dogs are there?

Ben has 3 times as many guppies as goldfish. If he has a total of 20 fish, how many guppies does he have?

MCC4.OA.3 - Solve multistep word problems using the 4 operations, including problems in which remainders must be interpreted; use equations with a letter standing for the unknown quantity

Example: There are 4 students on a team for a relay race. How many teams can be made from 27 students? 27 ÷ 4 = 6 r3, so 6 teams can be made. 3 students will be leftover.

Try: Hesse is having a pizza night. They think 650 people will come. Each pizza will feed 3 people. How many pizzas should they order?

Jamal has 6 pink pencils, 2 blue pencils, and 4 red pencils. If he puts all of his pencils into two equal piles, how many pencils will be in each pile?

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1004.0A.4 - Find factor pairs for numbers between 1 and 100; recognize that a number is a multiple of each of its factors; determine if a number 1 through 100 is a multiple of another number; determine if a number 1 through 100 is prime or composite

Examples: List the factors of 8: 1, 2, 4, 8. Is 6 a factor of the number 81? NO. Is 56 prime or composite? Composite

Try: List the factors of 24:

Is 3 a factor of the number 27?

Is 31 prime or composite?

Oranges come in packages of 6. Apples come in packages of 4. Kim will buy the same number of oranges as apples. How many oranges could she buy? _

MCC4.OA.5 - Generate a number or shape pattern that follows a given rule; identify features of the pattern that the rule may not have told you about

Try:

Rule: Add 3

IN	OUT
1	113
2	
	6
1	

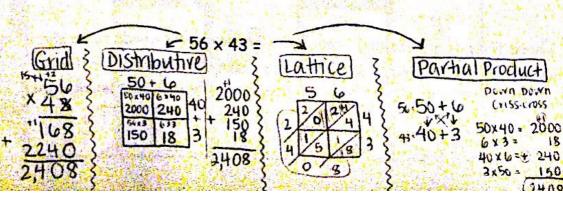


Which pattern follows the rule add 3, subtract 12

(A) 60, 63, 60, 63... (B) 3, 1, 4, 2... (C) 60, 63, 62, 65... (D) 60, 63, 66, 69...

MCC4.NBT.5 - Multiply a whole number of up to four digits by a one-digit number and multiply two two-digit numbers using strategies based on place value and properties of operations

Examples: 2,356 x 5 =



Try: 9 x 4,000 = _____

The skating rink rents 200 pairs of skates in a month. How many pairs of skates does the rink rent in 4 months? _____

Janice eats 19 pieces of popcorn every minute. About how many pieces will she eat in 24 minutes?

Mrs. Buck's class is taking a trip to the zoo. It will cost \$23 for each student to go. There are 29 students in her class. How much will it cost for the whole class to go to the zoo?

MCC4.NBT.6 - Find quotients and remainders with up to four-digit dividends and one-digit divisors

Examples: 210 + 7 =

7/210

Estimate: 685 ÷ 9 = 80

9 carity cevenly
into 68.
but it can go into 72,
which is really close to
68! change the 5 to a 0.

Solve: 3,448 ÷ 8 = 431 R. O

Try: A peanut vendor had 640 bags of peanuts. She sold the same number of bags of peanuts at each of 8 baseball games. How many bags of peanuts did she sell at each game?

Ana has 2,940 coins in her coin collection. She put the same number of coins in each of 7 jars. How many coins are in each jar?

Three friends are making bracelets. There are 52 beads to be shared equally. Each friend wants the same number of beads. How many beads will be left over?

