



Practice for Grades 4-6  
by Martha Godwin

Texas  
**UIL**

Number Sense Quizzes

## NUMBER SENSE QUIZZES

### Practice Quizzes for Grades 4-6

Written by  
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Author Martha Godwin brings over 30 years of middle school teaching experience and has taught grade school Number Sense for over 25 years. Godwin has also taught English Composition and Rhetoric at the college level.

*We are a small company that listens! If you have any questions or if there is an area that you would like fully explored, let us hear from you. We hope you enjoy this product and stay in contact with us throughout your academic journey.*

- President, Hexco Inc., Linda Tarrant

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## NUMBER SENSE QUIZZES

Welcome to the world of mental math. For the very young child who has always been encouraged to "show your work," the whole idea of mental computation can be a bit scary. Proper instruction and test preparation can reduce anxiety and makes the learning and practice of shortcuts a fun experience! As with most learned concepts, you will find that practice makes perfect, and mental math is no different. Practice is necessary to gain the fluency and speed necessary to succeed in competition.

*Number Sense Quizzes* are intended to be used after your 4<sup>th</sup> through 6<sup>th</sup> grade students have received instructions in the basic shortcuts of the Number Sense competition. It is a perfect companion to the "Basics for the Beginner" product that covers shortcuts used in the first 20 questions of the UIL Number Sense tests.

In over 25 years of teaching the Number Sense contest, I have found that there was very little available for beginners. These quizzes are designed to give students practice so students are gradually and comfortably introduced to the contest.

- Martha Godwin

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**Quiz 1**

1	$4536 + 3211 =$	
2	$651 \times 11 =$	
3	$13 \times 7 =$	
4	$3 + 6 + 9 + \dots 24 =$	
5	What is the remainder when 6578 is divided by 9?	
6	$1224 \div 6 =$	
7	A dozen packages of bolts with each package containing 16 bolts = _____ bolts	
8	MCCVI = _____ (Arabic number)	
9	$8000 \times 12000 =$	
*10	$309 \times 4890 =$	
11	$12 \times 6 \times 2 =$	
12	$87 \times 46 =$	
13	348.675 rounded to the tenth's place is	
14	$39 \times 101$	
15	$50 \times 87 =$	
16	The numeral in the thousandth's place for 9876.432 is	
17	$56 \times 25$	
18	$2498 - 1256 =$	
19	What is the remainder when 7654 is divided by 5?	
*20	$290 + 2010 + 21 =$	

Problems marked with an \* should be estimated.

### Quiz 10 - Answer Key

1	$9 + 13 + 15 =$	37
2	$2005 + 2011 =$	4016
3	$27 \times 3 =$	81
4	$4 + 7 + 10\dots + 22 =$	91
5	16 plus what equals 30?	14
6	$567 \times 11 =$	6237
7	CCCL + XCV =	445
8	$23 \times 25 =$	575
9	$7000 \times 400 =$	2800000
*10	$790 \times 402 =$	301701-333459
11	$11 \times 3 \times 5 =$	165
12	$84 \times 46 =$	3864
13	$16789 \div 9$ has a remainder of _____	4
14	$29 \times 47 =$	1363
15	$777 \times 11 =$	8547
16	What is 567897 rounded to the hundred's place?	567900
17	$88 \times 101 =$	8888
18	$2590 - 1489 =$	1101
19	$23 \times 50 =$	1150
*20	$811 \times 478 =$	368275-407040
21	$7/8 - 1/8 =$	$3/4$
22	What is the sum of the two smallest prime numbers?	5
23	$4/8 + 2/8 =$	$3/4$
24	$33 \times 33 =$	1089
25	Which is larger $2/3$ or $11/17$ ?	$2/3$

Problems marked with an \* should be estimated.