Name:_____ Date:_____

Grade 7 Math Single Digit Multiplication Worksheet

1. Multiply each of the following without a calculator

$8\times7=$	$8\times6=$	$6\times7=$	$5\times9=$	$2\times3=$	$8\times8=$
$3\times7=$	$3\times4=$	$8\times5=$	$5\times2=$	$2\times9=$	$3\times2=$
$4\times5=$	$4\times7=$	$4\times7=$	$8\times4=$	$2\times6=$	$6\times7=$
$3\times6=$	$4\times6=$	$2\times2=$	$8\times7=$	$6\times2=$	$2\times4=$
$4\times6=$	$5\times7=$	$3\times3=$	$4\times4=$	$6\times3=$	$2\times7=$
$8\times7=$	$2\times3=$	$4\times5=$	$8\times7=$	$8\times3=$	$8\times4=$
$4\times7=$	$3\times7=$	$9\times7=$	$9\times4=$	$6\times7=$	$9\times3=$
$4\times9=$	$9\times5=$	$9\times9=$	$6\times6=$	$9\times6=$	$7\times7=$
$6\times8=$	$3\times7=$	$3\times8=$	$2\times8=$	$7\times7=$	$9\times2=$
$3\times5=$	$3\times8=$	$8\times2=$	$8\times7=$	$8\times3=$	$8\times9=$
$5\times4=$	$3\times9=$	$8\times7=$	$9\times7=$	$6\times7=$	$3\times5=$
$5\times6=$	$3\times3=$	$4\times5=$	$4\times6=$	$4\times7=$	$5\times5=$
$5\times7=$	$8\times7=$	$9\times9=$	$4\times7=$	$4\times3=$	$7\times7=$
$4\times4=$	$5\times8=$	$5\times2=$	$2\times7=$	$2\times7=$	$4\times9=$
$4\times8=$	$2\times7=$	$8\times7=$	$9\times6=$	$4\times2=$	$8\times8=$

2. A prime number is a number that is only a multiple of "one" and itself. What are the first 20 prime numbers?

3. Every integer must be a multiple of which integer?

4. Given that $A \times B \times C$ is an odd number. What is the smallest possible value of $A + B + C$?

5. Given that "B" and "D" are both positive integers and that $B \times D = B$. What is the value of "D"?

6. Given that $A \times B = CD$, where "CD" is a two digit integer, how many different options are possible if "A", "B", "C", and "D" are consecutive integers?

7. Given that "A" and "B" are different integer and satisfy the following. Find the values of "A" and "B":

$$\begin{array}{r} A\,8 \\ \times\ 2\,B \\ \hline 4\,B\,0 \end{array}$$

8. Challenge: What is the sum of the digits "a" and "b" in the following multiplication problem?

$$\begin{array}{r} b\,3\ a\ 1 \\ \times\quad b\ 4 \\ \hline 9\,4\,0\ 4 \\ 4\,7\,0\,b\ 0 \\ \hline a\,6\,4\,b\ 4 \end{array}$$