

Coyote Creek Math Challenge

Number Sense

You can complete your solution on the BACK of this paper or use your own paper.

To enter the prize draw
place your solution in the
MATH CHALLENGE
box at the office!

Don't forget your name
and division!!

Have a look at this table square or matrix:

X	2	3	4	5
2	4	6	8	10
6	12	18	24	30
7	14	21	28	35
9	18	27	36	45

- Can you see how it has been constructed?
- Why are some numbers in black and some in white?
- Why is the white 6 in that particular square?
- Why is there a black 45 in the bottom right-hand corner?
- Notice that the numbers 2 to 9 are used to generate the numbers on the sides of the matrix and only one of these numbers is used twice (the 2).

Can you complete the matrix (table square) on the other side of this page following the same rules?

FILLING IN THE MATRIX WILL COUNT AS A COMPLETE SOLUTION.

Math Challenge Solution!

Name: _____ Division: _____

This matrix (table square) was generated using the numbers 2 to 12 on the sides. Remember, just one number can be used twice.

x						
	32			40		
					49	
			22			
		15				27
			24			
					42	