



INDIAN SCHOOL NIZWA - WORKSHEET

MATHEMATICS CH: Playing With Numbers

Name: _____

Date: _____

Class: VIII Sec: ____

Complete the magic squares shown below.

1.

7		11
	10	
14		
		13

	14		0
		6	11
8			
4			7
	2	1	12

2.

Complete the table given below(YES/NO)

Numbers	Divisible by 2	Divisible by 3	Divisible by 5
366			
716			
1242			
1050			

3. Answer the following

$$1+3=$$

$$1+3+5=$$

$$1+3+5+7=$$

$$1+3+5+7+9=$$

Using the above pattern, find the sum of the first 'n' odd numbers

4. For each number series given below, write the next two numbers

20,15,10, _____, _____

81,27,9, _____, _____

1,3,9, _____, _____

5. Find the values for the unknowns

$$6ab \times 4 = 2a72$$



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6.

Find the values for the unknowns

$$\begin{array}{r} 34a6 \\ B168 \\ + \quad \quad \quad \\ \hline 11644 \\ \hline \end{array}$$
$$\begin{array}{r} 7a \\ - B3 \\ \hline 39 \\ \hline \end{array}$$

7.

Find the values for the unknowns

$$\begin{array}{r} 3b \\ \times A \\ \hline \end{array}$$
$$\begin{array}{r} 9) 4AB(5C \\ - 45 \\ \hline \end{array}$$
$$\begin{array}{r} 3B \\ - 36 \\ \hline 0 \end{array}$$

8. The number divisible by both 9 and 10 is

A) 10000 B) 2727 C) 3160 D) 8190

9. If $1X \times X = 7X$, then the value of X is

A) 5 B) 6 C) 7 D) 8

10. By which smallest digit should * be replaced so that $850*7$ is divisible by 3 ?

A) 0 B) 1 C) 2 D) 3