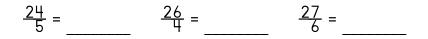
Worksheet of the Week

January 23 - 27, 2017

1. Change these improper fractions into mixed numbers, simplify if necessary.



2. Change these mixed numbers into improper fractions.

	2		3	
7	'ই =	8	12 ヸ [_] =	
'	0			

3.	Provide the Divisibility Rule for each number listed below:			
	2:			
	3:			
	5:			
	6:			
	9:			
	10:			

- 5. What is the Greatest Common Factor of 4 and 8?

- 6. Aleks has a hat box that holds all of his hats. His hat box is 12 feet long, 5 feet high and 3 feet wide. What is the Volume of Aleks' Box?
- 7. Jonathan simplified a numerical expression. The expression had two pairs of parentheses. The expression is written below.

$$\frac{9(20-(5 x 3))}{3}$$

What is the value of the above expression?

- 8. Tracy took a quiz containing 12 items. If she answered $\frac{5}{6}$ of the items correctly, how many items did she answer correctly?
- 9. A school wants to make a new playground by cleaning up an abandoned lot that is shaped like a rectangle. The students decide to use $\frac{3}{4}$ of the playground for a basketball court and $\frac{1}{5}$ of the playground for a soccer field. How much is left for the swings and play equipment? F) $\frac{38}{40}$ G) $\frac{19}{20}$ H) $\frac{1}{20}$ J) Not here

10. Consider the following expression:

 $\frac{(16-2\bullet 4)\div 2}{51-27}$

Which of the following represents this expression after a possible first step in the simplifying phase?

A $\frac{(14 \cdot 4) \div 2}{51-27}$ **B** $\frac{(16-2 \cdot 2)}{51-27}$

c
$$\frac{(16-8)\div 2}{51-27}$$
 b $\frac{(8-2\cdot 4)}{51-27}$