Name: _____   Block: _____   Date: _____

Fractions – Part 1
STUDY GUIDE

	3 – MS	2 – PMS	1 – DNM
Competency 1 – Apply the Mathematical Practices as they relate to Number Sense.			

	3 – MS	2 – PMS	1 – DNM
Competency 3 – Learning Target #5: I can multiply fractions.			

DIRECTIONS: Multiply the fractions. Simplify your answer. SHOW ALL YOUR WORK!

1.) $\frac{3}{12} \times \frac{4}{5} =$ 2.) $\frac{13}{42} \times \frac{2}{3} =$

	3 – MS	2 – PMS	1 – DNM
Competency 3 – Learning Target #6: I can divide fractions.			

DIRECTIONS: Divide the fractions. Simplify your answer. SHOW ALL YOUR WORK!

3.) $\frac{2}{4} \div \frac{11}{12} =$ 4.) $\frac{4}{12} \div \frac{3}{5} =$

	3 – MS	2 – PMS	1 – DNM
Competency 3 – Learning Target #10: I can multiply mixed numbers.			

DIRECTIONS: Multiply the mixed numbers. Simplify your answer. SHOW ALL YOUR WORK!

5.) $2\frac{4}{5} \times 3\frac{1}{4} =$ 6.) $3\frac{5}{6} \times \frac{3}{12} =$

	3 – MS	2 – PMS	1 – DNM
Competency 3 – Learning Target #11: I can divide mixed numbers.			

DIRECTIONS: Divide the mixed numbers. Simplify your answer. SHOW ALL YOUR WORK!

7.) $3\frac{4}{5} \div 5\frac{5}{12} =$

8.) $2\frac{3}{5} \div \frac{2}{6} =$

	3 – MS	2 – PMS	1 – DNM
Competency 3 – Learning Target #7: I can convert between improper fractions and mixed numbers.			

DIRECTIONS: Convert the improper fraction to a mixed number or the mixed number to an improper fraction. SHOW ALL YOUR WORK!

9.) $\frac{13}{4}$

10.) $\frac{92}{14}$

11.) $3\frac{3}{4}$

12.) $17\frac{3}{8}$

	3 – MS	2 – PMS	1 – DNM
Competency 3 – Learning Target #12: I can convert fractions to a decimal using long division.			

DIRECTIONS: Convert the fraction to a decimal using long division. Round your answer to the nearest hundredth. SHOW ALL YOUR WORK!

13.) $\frac{13}{20} =$

14.) $\frac{25}{170} =$