MasterMath

Name _____

Date _____

Fraction - Decimal Equivalency

1. **Please convert the fraction to a decimal:**

fraction	decimal
3/5	
4/5	
5/5	
6/11	
1 ⅕	

fraction	decimal
5 1/3	
1/9	
6/7	
328 ⅞	
8/7	

fraction	decimal
21/25	
25/21	
8 1/2	
11/12	
6/9	

2. **Please convert the decimals to fractions, and simplify:**

fraction	decimal
	.25
	1.875
	8.5
	.3
	.67

fraction	decimal
	.35
	.6543
	.8888
	$2.67
	18.45

fraction	decimal
	.212
	.1
	.12
	.123
	$4.26

3. **When you convert ⅙ to a decimal, is it a repeating decimal or a terminating decimal? Explain.**

4. **Juanita had 4 hits in 5 at bats. What was her batting average?**
(batting averages are always decimals)

5. **Write the number as a fraction. Then write the fraction as a decimal:**

number	fraction	decimal
one-fifth		
nine-twelfths		
one and one-third		
five-fourths		

Orlando 76 2/5 miles

Tampa 38 1/5 miles

Brandon 11 1/2 miles

6. **Write the distances as decimals:**

city	distance
Orlando	
Tampa	
Brandon	

7. **How many times further away is Orlando than Tampa?**